

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
FIRST45399-C6UTP-1M-3	PASS	TIA Cat 6 Channel	3 ft	24.9 dB (NEXT)	10/15/2018 10:57 AM
FIRST45399-C6UTP-1M-4	PASS	TIA Cat 6 Channel	3 ft	26.3 dB (NEXT)	10/15/2018 10:58 AM
FIRST45399-C6UTP-1M-5	PASS	TIA Cat 6 Channel	3 ft	25.7 dB (NEXT)	10/15/2018 10:58 AM
FIRST45399-C6UTP-1.5M-1	PASS	TIA Cat 6 Channel	5 ft	20.0 dB (NEXT)	10/15/2018 10:58 AM
FIRST45399-C6UTP-1.5M-2	PASS	TIA Cat 6 Channel	5 ft	20.1 dB (NEXT)	10/15/2018 10:58 AM
FIRST45399-C6UTP-1.5M-3	PASS	TIA Cat 6 Channel	5 ft	24.1 dB (NEXT)	10/15/2018 10:59 AM
FIRST45399-C6UTP-1.5M-4	PASS	TIA Cat 6 Channel	5 ft	21.0 dB (NEXT)	10/15/2018 10:59 AM
FIRST45399-C6UTP-1.5M-5	PASS	TIA Cat 6 Channel	5 ft	21.3 dB (NEXT)	10/15/2018 10:59 AM
FIRST45399-C6UTP-2M-1	PASS	TIA Cat 6 Channel	6 ft	16.1 dB (NEXT)	10/15/2018 11:00 AM
FIRST45399-C6UTP-2M-2	PASS	TIA Cat 6 Channel	6 ft	21.4 dB (NEXT)	10/15/2018 11:00 AM
FIRST45399-C6UTP-2M-3	PASS	TIA Cat 6 Channel	6 ft	23.8 dB (NEXT)	10/15/2018 11:01 AM
FIRST45399-C6UTP-2M-4	PASS	TIA Cat 6 Channel	6 ft	19.7 dB (NEXT)	10/15/2018 11:01 AM
FIRST45399-C6UTP-2M-5	PASS	TIA Cat 6 Channel	6 ft	20.5 dB (NEXT)	10/15/2018 11:01 AM
FIRST45399-C6UTP-3M-1	PASS	TIA Cat 6 Channel	10 ft	17.6 dB (NEXT)	10/15/2018 11:02 AM
FIRST45399-C6UTP-3M-2	PASS	TIA Cat 6 Channel	10 ft	16.5 dB (NEXT)	10/15/2018 11:02 AM
FIRST45399-C6UTP-3M-3	PASS	TIA Cat 6 Channel	10 ft	17.8 dB (NEXT)	10/15/2018 11:03 AM
FIRST45399-C6UTP-3M-4	PASS	TIA Cat 6 Channel	10 ft	13.0 dB (NEXT)	10/15/2018 11:03 AM
FIRST45399-C6UTP-3M-5	PASS	TIA Cat 6 Channel	10 ft	16.3 dB (NEXT)	10/15/2018 11:03 AM
FIRST45399-C6UTP-5M-1	PASS	TIA Cat 6 Channel	16 ft	20.8 dB (NEXT)	10/15/2018 11:05 AM
FIRST45399-C6UTP-5M-2	PASS	TIA Cat 6 Channel	16 ft	10.3 dB (NEXT)	10/15/2018 11:05 AM
FIRST45399-C6UTP-5M-3	PASS	TIA Cat 6 Channel	16 ft	14.4 dB (NEXT)	10/15/2018 11:06 AM
FIRST45399-C6UTP-5M-4	PASS	TIA Cat 6 Channel	16 ft	18.4 dB (NEXT)	10/15/2018 11:06 AM
FIRST45399-C6UTP-5M-5	PASS	TIA Cat 6 Channel	16 ft	13.7 dB (NEXT)	10/15/2018 11:06 AM
FIRST45399-C6UTP-15M-1	PASS	TIA Cat 6 Channel	49 ft	10.2 dB (NEXT)	10/15/2018 11:08 AM
FIRST45399-C6UTP-15M-2	PASS	TIA Cat 6 Channel	49 ft	12.9 dB (NEXT)	10/15/2018 11:08 AM
FIRST45399-C6UTP-15M-3	PASS	TIA Cat 6 Channel	49 ft	11.3 dB (NEXT)	10/15/2018 11:09 AM
FIRST45399-C6UTP-15M-4	PASS	TIA Cat 6 Channel	49 ft	10.3 dB (NEXT)	10/15/2018 11:09 AM
FIRST45399-C6UTP-15M-5	PASS	TIA Cat 6 Channel	49 ft	11.8 dB (NEXT)	10/15/2018 11:09 AM
FIRST45399-C6UTP-10M-1	PASS	TIA Cat 6 Channel	32 ft	14.4 dB (NEXT)	10/15/2018 11:10 AM
FIRST45399-C6UTP-10M-2	PASS	TIA Cat 6 Channel	32 ft	12.8 dB (NEXT)	10/15/2018 11:11 AM
FIRST45399-C6UTP-10M-3	PASS	TIA Cat 6 Channel	32 ft	14.2 dB (NEXT)	10/15/2018 11:11 AM
FIRST45399-C6UTP-10M-4	PASS	TIA Cat 6 Channel	32 ft	14.0 dB (NEXT)	10/15/2018 11:11 AM
FIRST45399-C6UTP-10M-5	PASS	TIA Cat 6 Channel	32 ft	13.3 dB (NEXT)	10/15/2018 11:11 AM
FIRST45399-C6UTP-20M-1	PASS	TIA Cat 6 Channel	65 ft	10.3 dB (NEXT)	10/15/2018 11:12 AM
FIRST45399-C6UTP-20M-2	PASS	TIA Cat 6 Channel	65 ft	10.3 dB (NEXT)	10/15/2018 11:12 AM
FIRST45399-C6UTP-20M-3	PASS	TIA Cat 6 Channel	65 ft	11.6 dB (NEXT)	10/15/2018 11:12 AM
FIRST45399-C6UTP-20M-4	PASS	TIA Cat 6 Channel	65 ft	11.1 dB (NEXT)	10/15/2018 11:13 AM
FIRST45399-C6UTP-20M-5	PASS	TIA Cat 6 Channel	65 ft	11.9 dB (NEXT)	10/15/2018 11:13 AM
FIRST45399-C6UTP-7M-1	PASS	TIA Cat 6 Channel	22 ft	16.4 dB (NEXT)	10/15/2018 11:14 AM
FIRST45399-C6UTP-7M-2	PASS	TIA Cat 6 Channel	22 ft	18.2 dB (NEXT)	10/15/2018 11:14 AM
FIRST45399-C6UTP-7M-3	PASS	TIA Cat 6 Channel	22 ft	14.9 dB (NEXT)	10/15/2018 11:14 AM
FIRST45399-C6UTP-7M-4	PASS	TIA Cat 6 Channel	22 ft	20.5 dB (NEXT)	10/15/2018 11:15 AM
FIRST45399-C6UTP-7M-5	PASS	TIA Cat 6 Channel	22 ft	13.4 dB (NEXT)	10/15/2018 11:15 AM
FIRST45399-C6UTP-30M-1	PASS	TIA Cat 6 Channel	98 ft	9.7 dB (NEXT)	10/15/2018 11:16 AM
FIRST45399-C6UTP-30M-2	PASS	TIA Cat 6 Channel	98 ft	7.4 dB (NEXT)	10/15/2018 11:17 AM
FIRST45399-C6UTP-30M-3	PASS	TIA Cat 6 Channel	98 ft	7.3 dB (NEXT)	10/15/2018 11:17 AM
FIRST45399-C6UTP-30M-4	PASS	TIA Cat 6 Channel	98 ft	6.5 dB (NEXT)	10/15/2018 11:17 AM
FIRST45399-C6UTP-30M-5	PASS	TIA Cat 6 Channel	98 ft	6.4 dB (NEXT)	10/15/2018 11:17 AM
FIRST45399-C6UTP-50M-1	PASS	TIA Cat 6 Channel	164 ft	6.6 dB (NEXT)	10/15/2018 11:18 AM
FIRST45399-C6UTP-50M-2	PASS	TIA Cat 6 Channel	164 ft	7.4 dB (NEXT)	10/15/2018 11:18 AM
FIRST45399-C6UTP-50M-3	PASS	TIA Cat 6 Channel	164 ft	6.4 dB (NEXT)	10/15/2018 11:19 AM
FIRST45399-C6UTP-50M-4	PASS	TIA Cat 6 Channel	164 ft	7.3 dB (NEXT)	10/15/2018 11:19 AM
FIRST45399-C6UTP-50M-5	PASS	TIA Cat 6 Channel	164 ft	7.3 dB (NEXT)	10/15/2018 11:19 AM

Total Length:	4712 ft
Number of Reports:	130
Number of Passing Reports:	130
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: FIRST45399-C5EUTP-0.3M-1

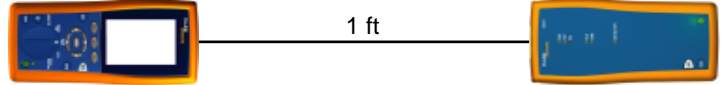
Date / Time: 10/15/2018 10:22:47 AM
Headroom 32.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

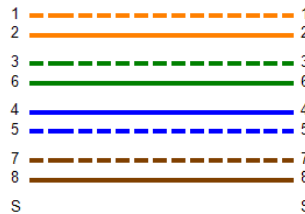
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 78]	0.7
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

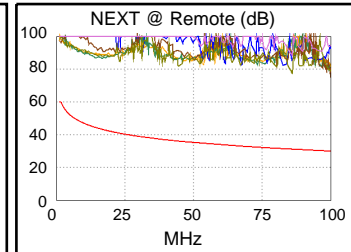
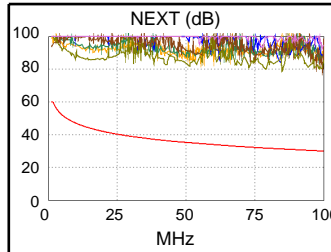


Wire Map (T568B)
PASS

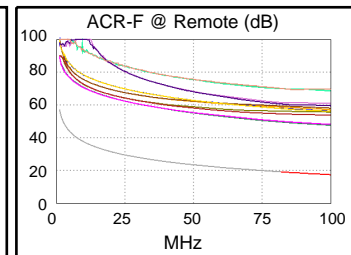
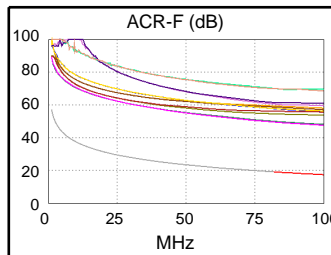


Worst Case Margin Worst Case Value

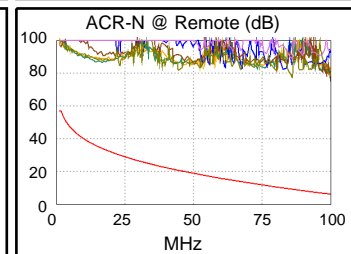
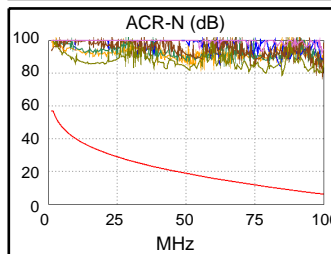
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
NEXT (dB)	32.9	35.5	47.5	47.4
Freq. (MHz)	1.3	1.5	84.8	99.8
Limit (dB)	60.0	60.0	31.3	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	34.2	35.5	49.7	47.4
Freq. (MHz)	1.3	1.5	99.5	99.8
Limit (dB)	57.0	57.0	27.1	27.1



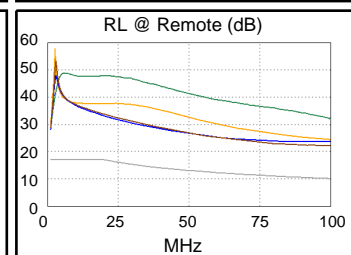
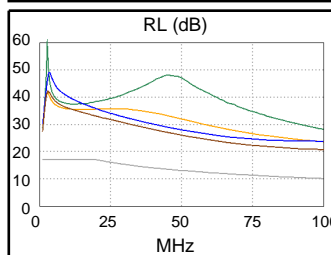
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	30.2	30.2	30.2	30.2
Freq. (MHz)	88.5	88.5	100.0	100.0
Limit (dB)	18.5	18.5	17.4	17.4
Worst Pair	12	45	12	45
PS ACR-F (dB)	32.2	32.2	32.3	32.6
Freq. (MHz)	88.5	1.0	100.0	100.0
Limit (dB)	15.5	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
ACR-N (dB)	35.9	38.5	69.4	71.4
Freq. (MHz)	1.3	1.5	84.8	99.8
Limit (dB)	57.0	57.0	9.4	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	37.2	38.5	73.6	71.4
Freq. (MHz)	1.3	1.5	99.5	99.8
Limit (dB)	54.0	54.0	3.2	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	10.4	10.9	10.5	11.9
Freq. (MHz)	1.0	1.0	99.0	96.3
Limit (dB)	17.0	17.0	10.1	10.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-0.3M-2

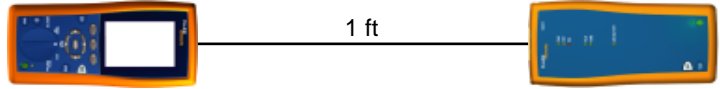
Date / Time: 10/15/2018 10:24:54 AM
Headroom 31.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

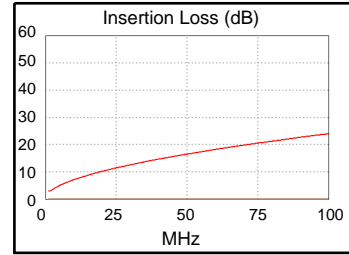
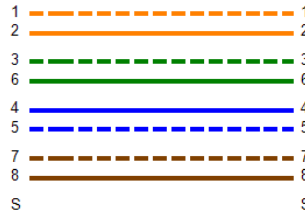
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 78]	0.4
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

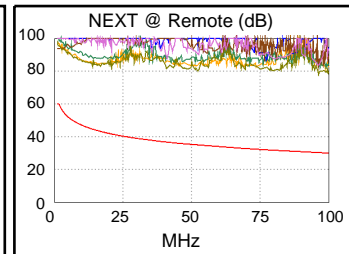
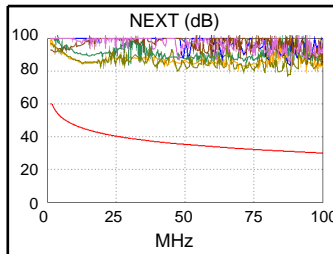


Wire Map (T568B)
PASS

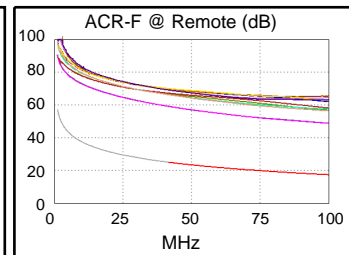
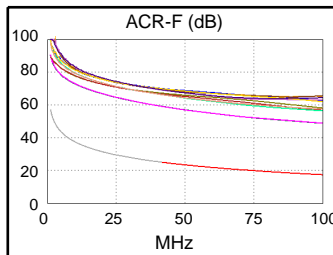


Worst Case Margin Worst Case Value

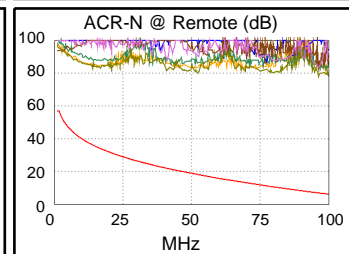
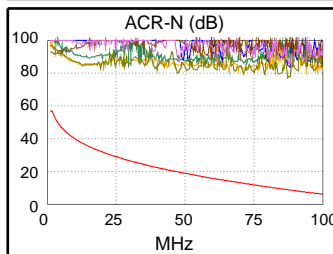
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	31.4	32.3	46.1	47.6
Freq. (MHz)	1.3	1.3	87.3	96.3
Limit (dB)	60.0	60.0	31.1	30.4
Worst Pair	36	36	78	36
PS NEXT (dB)	32.7	32.8	47.9	48.8
Freq. (MHz)	1.5	1.3	88.0	96.3
Limit (dB)	57.0	57.0	28.0	27.4



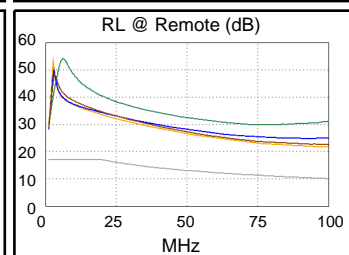
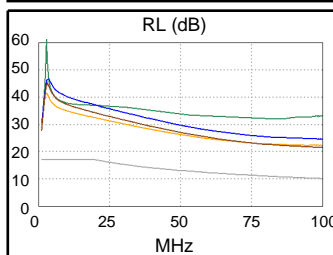
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	12-45	45-12
ACR-F (dB)	31.4	31.4	31.5	31.5
Freq. (MHz)	98.3	98.3	99.5	99.5
Limit (dB)	17.6	17.6	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	32.3	32.3	33.5	33.3
Freq. (MHz)	1.0	1.1	99.0	99.3
Limit (dB)	54.4	53.4	14.5	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	34.4	35.3	68.4	71.2
Freq. (MHz)	1.3	1.3	87.3	96.3
Limit (dB)	57.0	57.0	8.8	6.8
Worst Pair	36	36	78	36
PS ACR-N (dB)	35.7	35.8	70.3	72.4
Freq. (MHz)	1.5	1.3	88.0	96.3
Limit (dB)	54.0	54.0	5.6	3.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	12
RL (dB)	10.6	10.9	11.5	11.5
Freq. (MHz)	1.0	1.0	99.5	96.3
Limit (dB)	17.0	17.0	10.0	10.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-0.3M-3

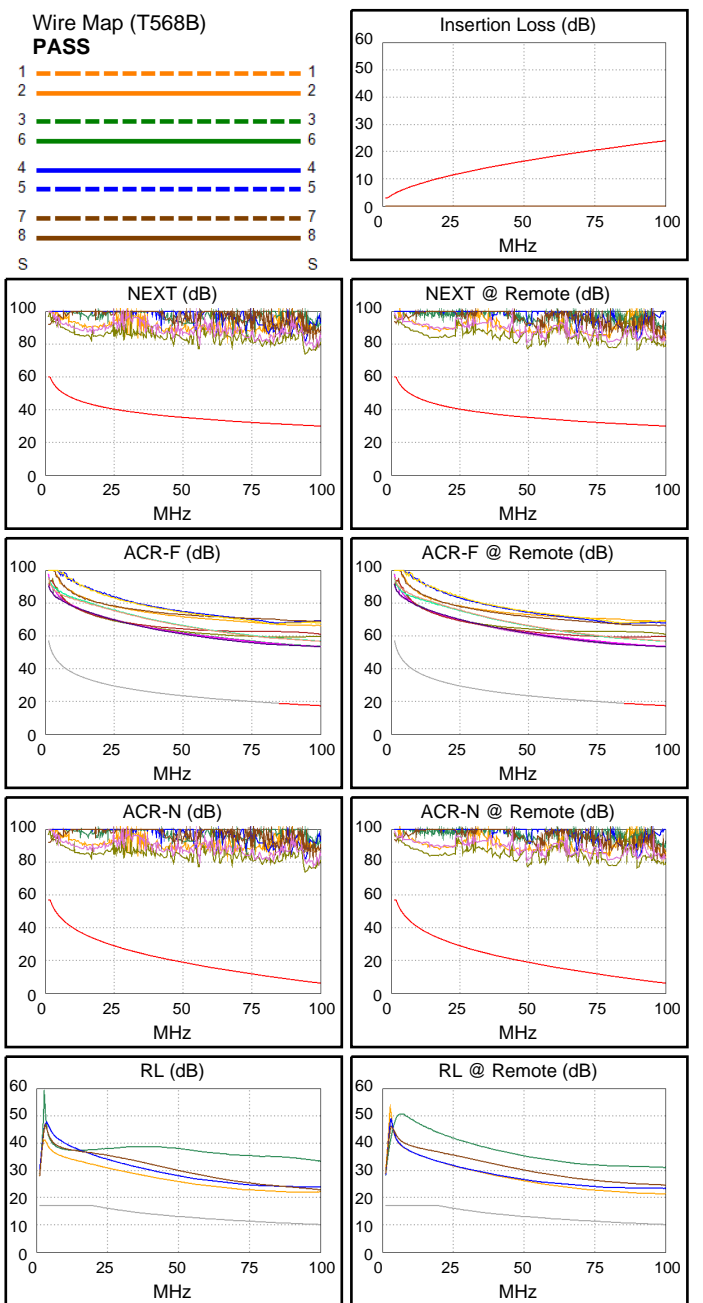
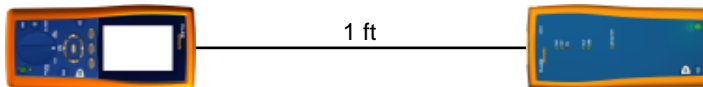
Date / Time: 10/15/2018 10:25:08 AM
Headroom 32.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 78]	0.3
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	32.2	33.0	43.4	45.8
Freq. (MHz)	1.0	1.6	94.8	89.5
Limit (dB)	60.0	59.9	30.5	30.9
Worst Pair	36	36	78	78
PS NEXT (dB)	33.7	33.9	44.9	46.8
Freq. (MHz)	1.0	1.6	94.8	89.5
Limit (dB)	57.0	56.9	27.5	27.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	36-78	78-36
ACR-F (dB)	35.7	35.7	36.0	36.0
Freq. (MHz)	79.8	79.8	100.0	100.0
Limit (dB)	19.4	19.4	17.4	17.4
Worst Pair	36	36	45	45
PS ACR-F (dB)	33.0	33.9	36.9	37.0
Freq. (MHz)	1.0	1.0	99.5	98.8
Limit (dB)	54.4	54.4	14.4	14.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	35.2	36.0	66.7	68.4
Freq. (MHz)	1.0	1.6	94.8	89.5
Limit (dB)	57.0	56.9	7.2	8.3
Worst Pair	36	36	78	78
PS ACR-N (dB)	36.7	36.9	68.2	69.4
Freq. (MHz)	1.0	1.6	94.8	89.5
Limit (dB)	54.0	53.9	4.2	5.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	12	12
RL (dB)	10.7	10.9	11.6	11.3
Freq. (MHz)	1.0	1.0	91.3	99.5
Limit (dB)	17.0	17.0	10.4	10.0

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-0.3M-4

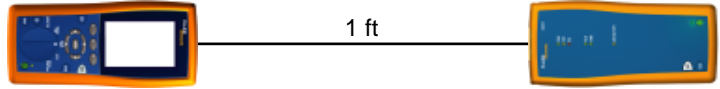
Date / Time: 10/15/2018 10:25:22 AM
Headroom 32.2 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

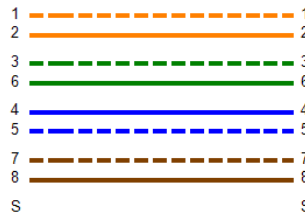
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.2
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

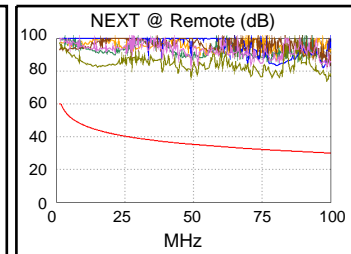
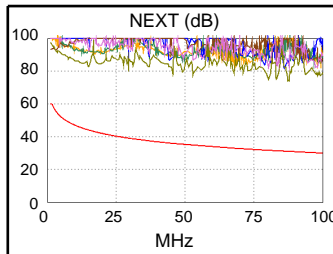


Wire Map (T568B)
PASS

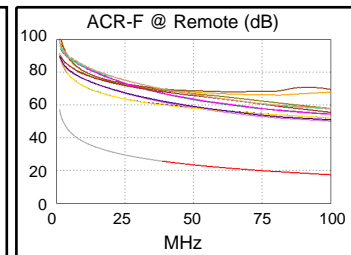
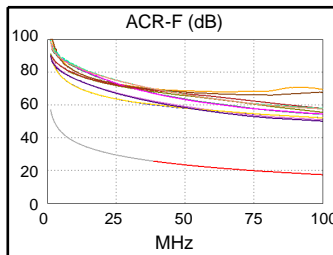


Worst Case Margin Worst Case Value

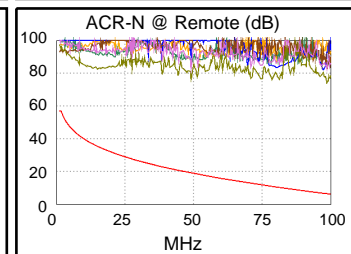
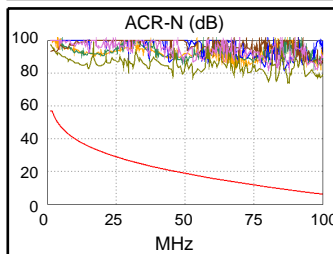
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	32.2	33.0	43.1	44.0
Freq. (MHz)	1.4	1.0	87.3	98.5
Limit (dB)	60.0	60.0	31.1	30.2
Worst Pair	36	36	78	78
PS NEXT (dB)	33.7	33.7	45.1	46.4
Freq. (MHz)	1.4	1.0	87.8	98.5
Limit (dB)	57.0	57.0	28.1	27.2



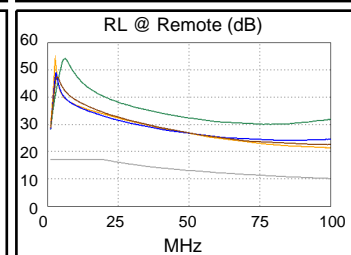
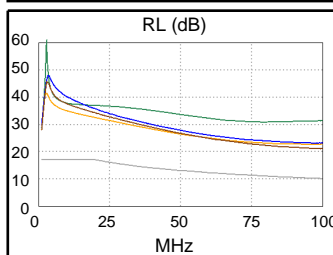
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	32.7	32.7	32.7	32.7
Freq. (MHz)	80.8	80.8	99.3	99.3
Limit (dB)	19.3	19.3	17.5	17.5
Worst Pair	36	78	78	78
PS ACR-F (dB)	32.8	32.9	33.6	33.1
Freq. (MHz)	1.0	1.0	99.5	100.0
Limit (dB)	54.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	35.2	36.0	65.4	67.8
Freq. (MHz)	1.4	1.0	87.3	98.5
Limit (dB)	57.0	57.0	8.8	6.4
Worst Pair	36	36	78	78
PS ACR-N (dB)	36.7	36.7	67.5	70.2
Freq. (MHz)	1.4	1.0	87.8	98.5
Limit (dB)	54.0	54.0	5.7	3.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	12
RL (dB)	10.7	10.9	11.0	11.3
Freq. (MHz)	1.0	1.0	99.3	98.0
Limit (dB)	17.0	17.0	10.0	10.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-0.3M-5

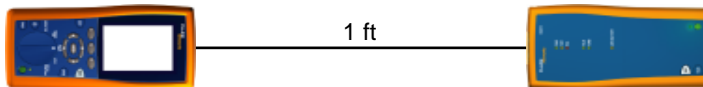
Date / Time: 10/15/2018 10:25:36 AM
Headroom 32.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

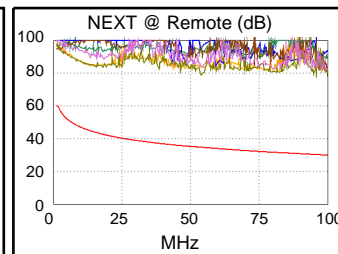
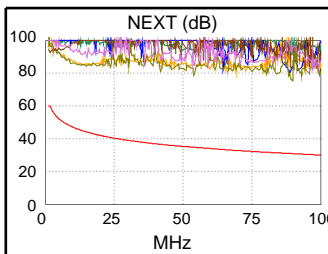


Wire Map (T568B)
PASS

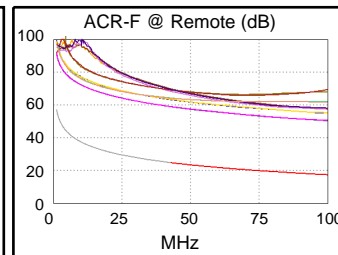
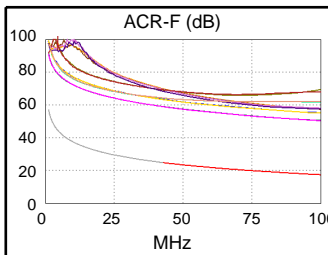


Worst Case Margin Worst Case Value

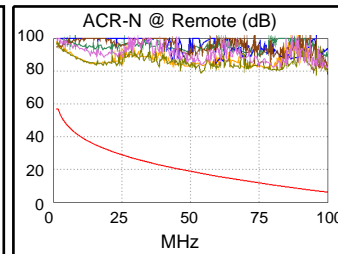
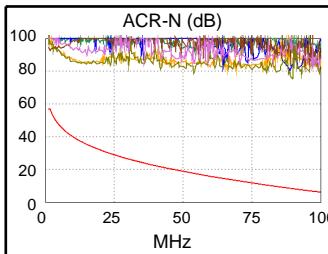
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	32.4	33.5	44.5	44.3
Freq. (MHz)	1.4	1.3	89.8	53.8
Limit (dB)	60.0	60.0	30.9	34.7
Worst Pair	36	36	78	36
PS NEXT (dB)	33.6	33.6	46.5	49.1
Freq. (MHz)	1.6	1.1	89.8	99.8
Limit (dB)	56.9	57.0	27.9	27.1



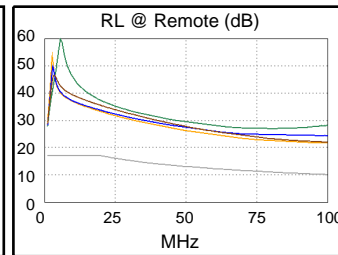
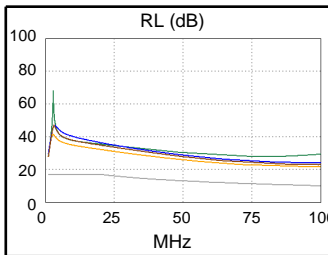
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	32.9	32.9	33.0	33.0
Freq. (MHz)	87.5	87.5	99.5	99.5
Limit (dB)	18.6	18.6	17.4	17.4
Worst Pair	12	45	12	12
PS ACR-F (dB)	34.0	33.6	34.1	34.3
Freq. (MHz)	85.3	1.0	99.3	99.8
Limit (dB)	15.8	54.4	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	35.4	36.5	67.1	61.4
Freq. (MHz)	1.4	1.3	89.8	53.8
Limit (dB)	57.0	57.0	8.3	17.6
Worst Pair	36	36	78	36
PS ACR-N (dB)	36.6	36.6	69.1	73.1
Freq. (MHz)	1.6	1.1	89.8	99.8
Limit (dB)	53.9	54.0	5.3	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	12	12
RL (dB)	10.7	10.8	11.5	11.5
Freq. (MHz)	1.0	1.0	94.3	94.8
Limit (dB)	17.0	17.0	10.3	10.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-0.5M-1

Date / Time: 10/15/2018 10:26:10 AM

Headroom 32.5 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

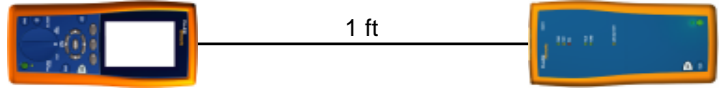
Main S/N: 1019229

Remote S/N: 1019230

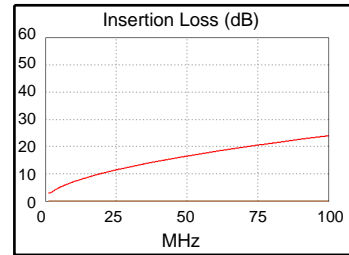
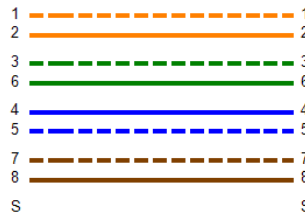
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 78]	0.3
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

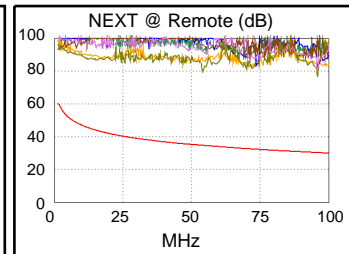
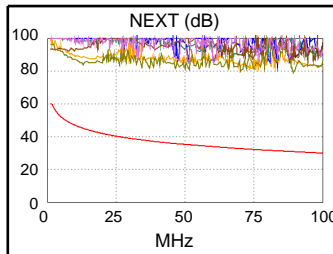


Wire Map (T568B)
PASS

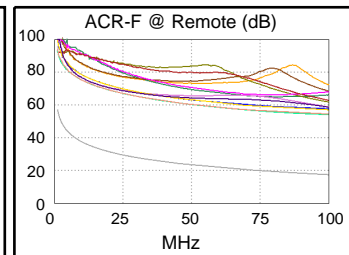
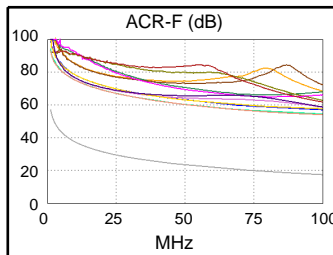


Worst Case Margin Worst Case Value

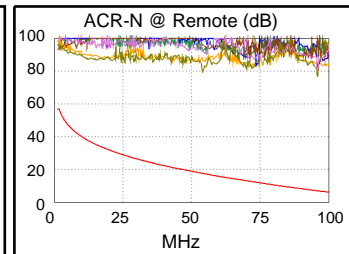
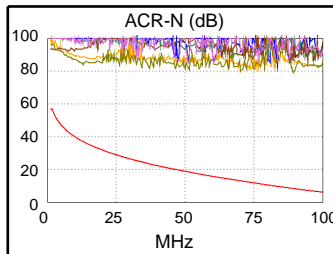
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	32.5	33.0	48.2	46.6
Freq. (MHz)	1.5	1.1	89.3	95.8
Limit (dB)	60.0	60.0	30.9	30.4
Worst Pair	36	36	36	78
PS NEXT (dB)	33.0	33.2	48.1	47.1
Freq. (MHz)	1.5	1.6	70.0	95.8
Limit (dB)	57.0	56.9	29.7	27.4



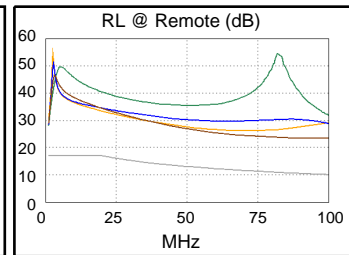
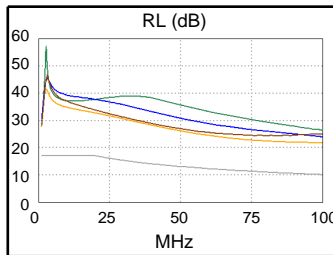
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-45	45-78	78-45	45-78
ACR-F (dB)	36.4	36.4	36.7	36.7
Freq. (MHz)	76.3	76.3	99.0	99.0
Limit (dB)	19.8	19.8	17.5	17.5
Worst Pair	45	45	78	78
PS ACR-F (dB)	35.3	36.0	37.2	37.2
Freq. (MHz)	1.0	1.1	99.3	99.0
Limit (dB)	54.4	53.4	14.5	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	35.5	36.0	70.7	70.0
Freq. (MHz)	1.5	1.1	89.3	95.8
Limit (dB)	57.0	57.0	8.4	7.0
Worst Pair	36	36	36	78
PS ACR-N (dB)	36.0	36.2	67.8	70.5
Freq. (MHz)	1.5	1.6	70.0	95.8
Limit (dB)	54.0	53.9	10.0	4.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	12	78
RL (dB)	10.8	11.0	11.6	13.1
Freq. (MHz)	1.0	1.0	98.3	92.5
Limit (dB)	17.0	17.0	10.1	10.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-0.5M-2

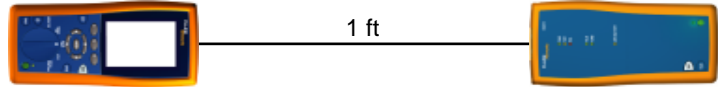
Date / Time: 10/15/2018 10:26:30 AM
Headroom 32.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

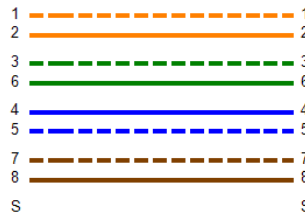
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 78]	0.3
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

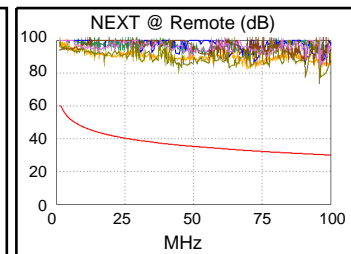
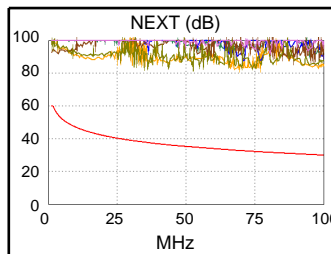


Wire Map (T568B)
PASS

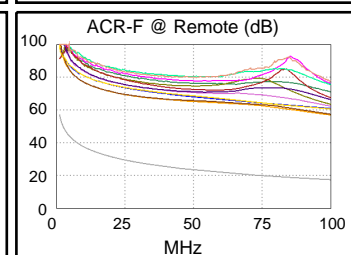
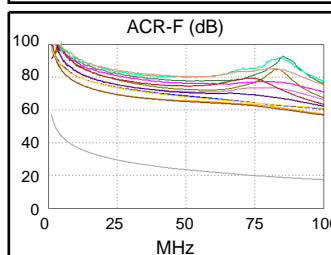


Worst Case Margin Worst Case Value

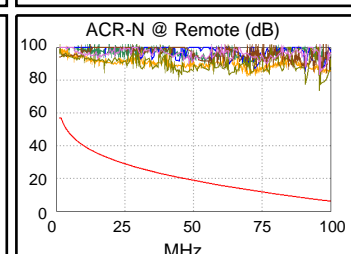
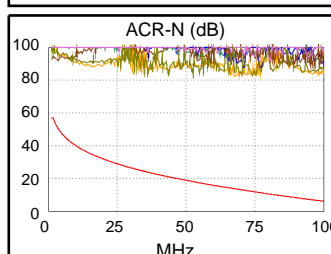
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-78
NEXT (dB)	32.6	32.6	49.4	46.7
Freq. (MHz)	1.3	1.3	69.3	95.8
Limit (dB)	60.0	60.0	32.8	30.4
Worst Pair	36	36	36	78
PS NEXT (dB)	33.7	33.7	50.4	48.6
Freq. (MHz)	1.3	1.6	69.3	95.8
Limit (dB)	57.0	56.9	29.8	27.4



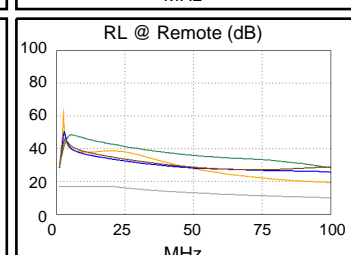
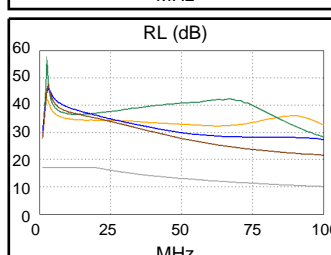
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	36-12	12-36
ACR-F (dB)	39.6	39.6	39.6	39.6
Freq. (MHz)	99.3	99.3	99.8	99.8
Limit (dB)	17.5	17.5	17.4	17.4
Worst Pair	36	36	12	12
PS ACR-F (dB)	36.4	36.5	41.1	41.4
Freq. (MHz)	1.0	1.0	99.5	99.8
Limit (dB)	54.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-78
ACR-N (dB)	35.6	35.6	69.0	70.1
Freq. (MHz)	1.3	1.3	69.3	95.8
Limit (dB)	57.0	57.0	13.2	7.0
Worst Pair	36	36	36	78
PS ACR-N (dB)	36.7	36.7	70.0	72.0
Freq. (MHz)	1.3	1.6	69.3	95.8
Limit (dB)	54.0	53.9	10.2	4.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
RL (dB)	10.8	9.3	11.6	9.3
Freq. (MHz)	1.0	98.5	99.3	99.5
Limit (dB)	17.0	10.1	10.0	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-0.5M-3

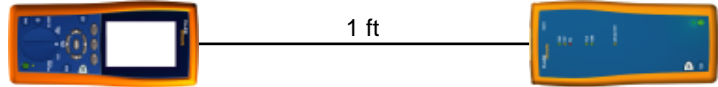
Date / Time: 10/15/2018 10:26:44 AM
Headroom 32.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

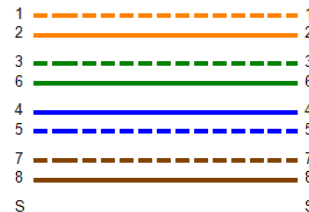
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

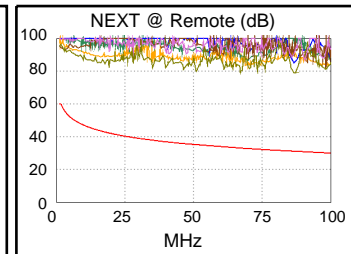
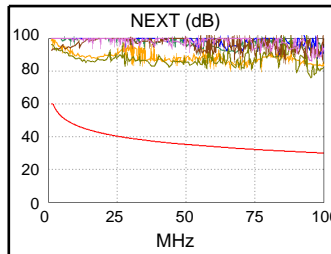


Wire Map (T568B)
PASS

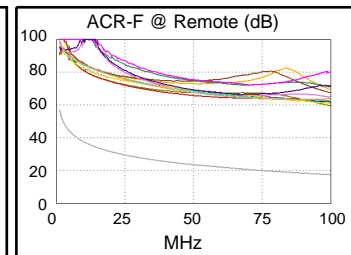
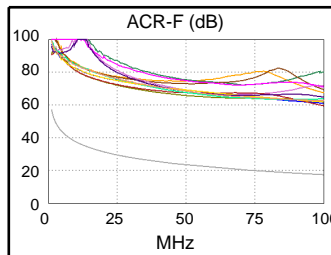


Worst Case Margin Worst Case Value

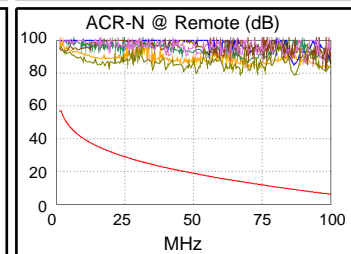
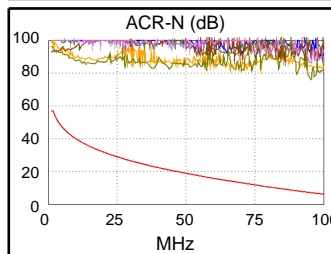
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	32.6	32.8	45.8	47.9
Freq. (MHz)	1.4	1.4	95.3	86.8
Limit (dB)	60.0	60.0	30.4	31.1
Worst Pair	36	36	36	78
PS NEXT (dB)	33.1	32.6	48.1	49.7
Freq. (MHz)	1.5	1.5	95.3	86.5
Limit (dB)	57.0	57.0	27.4	28.2



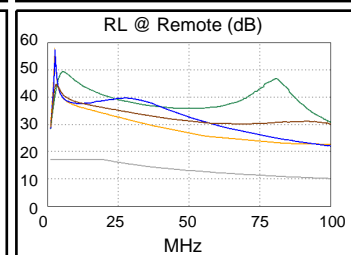
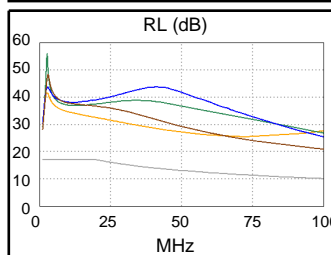
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	42.1	42.1	42.1	42.1
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	17.4	17.4	17.4	17.4
Worst Pair	36	36	36	45
PS ACR-F (dB)	35.2	35.1	43.5	43.6
Freq. (MHz)	1.0	1.0	100.0	99.8
Limit (dB)	54.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	35.6	35.8	69.1	70.1
Freq. (MHz)	1.4	1.4	95.3	86.8
Limit (dB)	57.0	57.0	7.1	8.9
Worst Pair	36	36	36	78
PS ACR-N (dB)	36.1	35.6	71.4	71.9
Freq. (MHz)	1.5	1.5	95.3	86.5
Limit (dB)	54.0	54.0	4.1	6.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	45
RL (dB)	10.8	11.1	10.8	12.0
Freq. (MHz)	100.0	1.0	100.0	100.0
Limit (dB)	10.0	17.0	10.0	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-0.5M-4

Date / Time: 10/15/2018 10:27:01 AM

Headroom 31.9 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

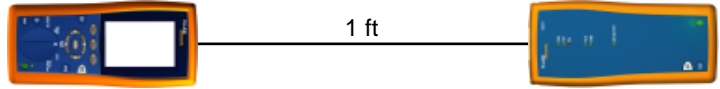
Main S/N: 1019229

Remote S/N: 1019230

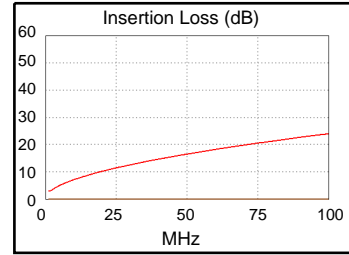
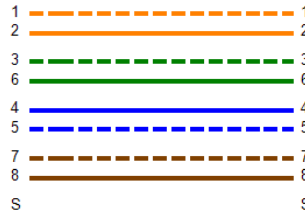
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 78]	0.3
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

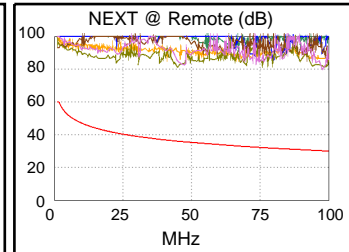
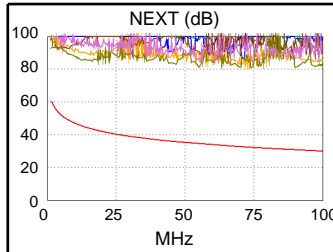


Wire Map (T568B)
PASS

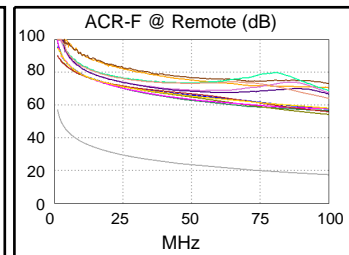
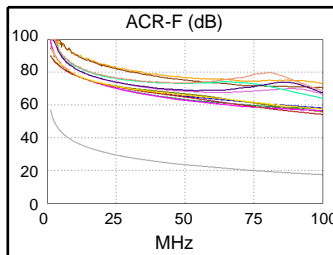


Worst Case Margin Worst Case Value

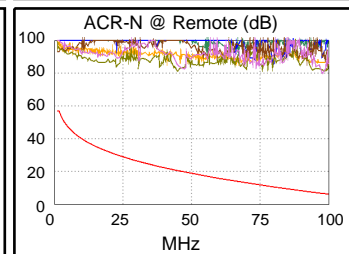
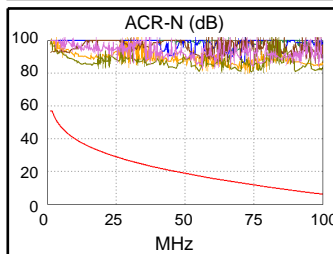
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	45-78
NEXT (dB)	32.0	31.9	48.5	49.7
Freq. (MHz)	1.1	1.4	74.3	97.8
Limit (dB)	60.0	60.0	32.3	30.2
Worst Pair	36	36	36	78
PS NEXT (dB)	33.5	32.8	49.1	50.5
Freq. (MHz)	1.5	1.4	70.3	97.8
Limit (dB)	57.0	57.0	29.7	27.2



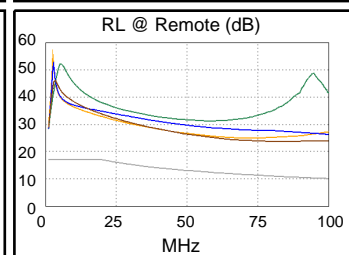
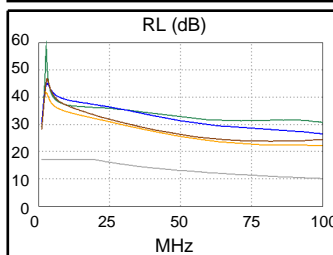
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	36.8	36.8	36.8	36.8
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	17.4	17.4	17.4	17.4
Worst Pair	36	45	45	45
PS ACR-F (dB)	34.7	34.9	39.3	37.6
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	54.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	45-78
ACR-N (dB)	35.0	34.9	68.9	73.4
Freq. (MHz)	1.1	1.4	74.3	97.8
Limit (dB)	57.0	57.0	11.9	6.5
Worst Pair	36	36	36	78
PS ACR-N (dB)	36.5	35.8	68.9	74.2
Freq. (MHz)	1.5	1.4	70.3	97.8
Limit (dB)	54.0	54.0	9.9	3.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	12	78
RL (dB)	10.9	11.1	11.6	12.9
Freq. (MHz)	1.0	1.0	87.0	85.3
Limit (dB)	17.0	17.0	10.6	10.7



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-0.5M-5

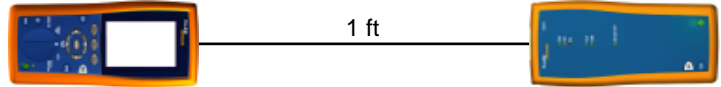
Date / Time: 10/15/2018 10:27:18 AM
Headroom 33.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

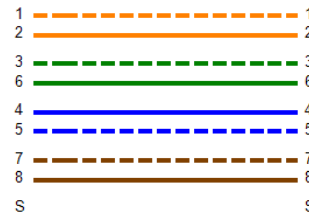
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 36]	0.3
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

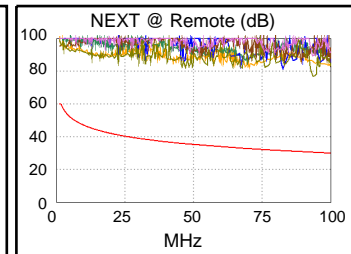
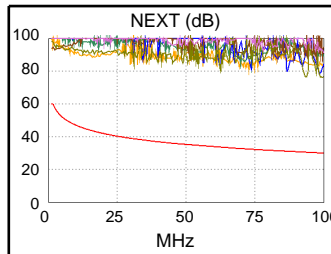


Wire Map (T568B)
PASS

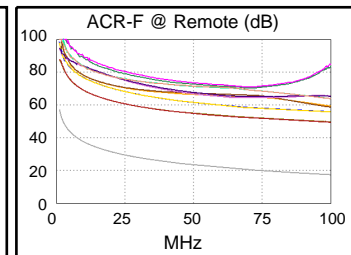
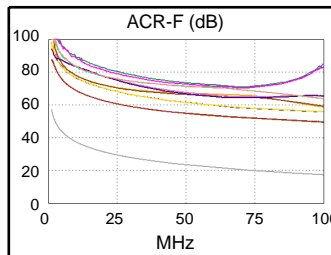


Worst Case Margin Worst Case Value

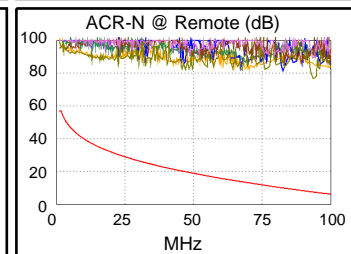
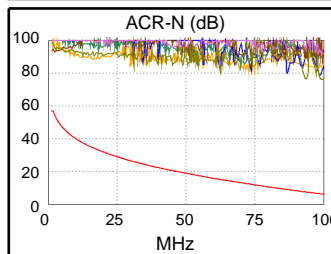
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	33.4	34.8	46.2	46.0
Freq. (MHz)	1.5	1.1	98.8	94.0
Limit (dB)	60.0	60.0	30.2	30.5
Worst Pair	36	36	78	36
PS NEXT (dB)	33.6	34.7	47.4	48.3
Freq. (MHz)	1.5	1.6	98.8	94.3
Limit (dB)	57.0	56.9	27.2	27.5



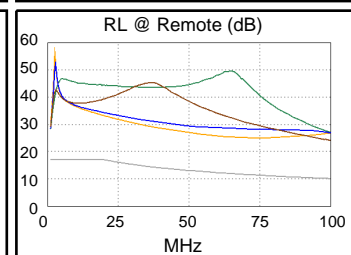
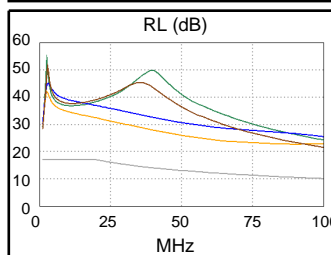
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	31.2	31.2	32.0	32.0
Freq. (MHz)	22.3	17.9	100.0	100.0
Limit (dB)	30.5	32.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	32.6	32.8	34.7	34.5
Freq. (MHz)	1.0	1.0	99.5	100.0
Limit (dB)	54.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	36.4	37.8	70.1	69.2
Freq. (MHz)	1.5	1.1	98.8	94.0
Limit (dB)	57.0	57.0	6.3	7.3
Worst Pair	36	36	78	36
PS ACR-N (dB)	36.6	37.7	71.3	71.5
Freq. (MHz)	1.5	1.6	98.8	94.3
Limit (dB)	54.0	53.9	3.3	4.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	11.1	11.1	11.5	14.1
Freq. (MHz)	1.0	1.0	99.8	99.5
Limit (dB)	17.0	17.0	10.0	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



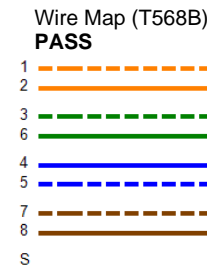
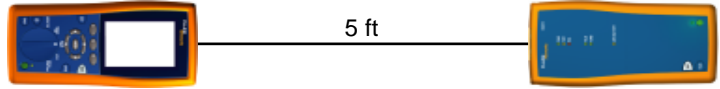
Cable ID: FIRST45399-C5EUTP-1.5M-1

Date / Time: 10/15/2018 10:27:43 AM
Headroom 25.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

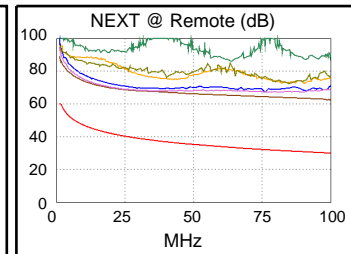
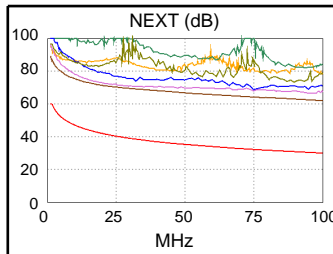
Test Summary: PASS
 Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 12]	7
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.4
Insertion Loss Margin (dB)	[Pair 12]	23.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

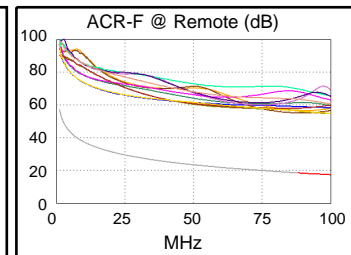
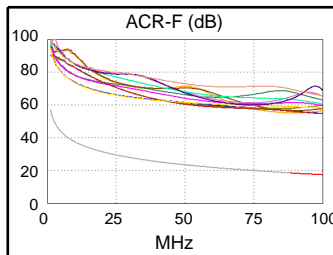


Worst Case Margin Worst Case Value

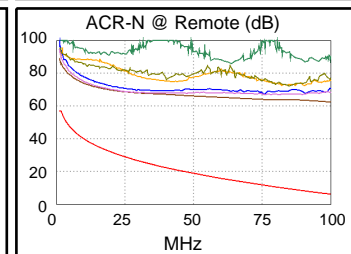
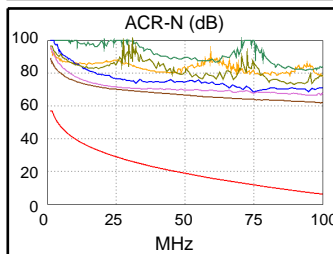
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	26.5	25.9	32.0	32.4
Freq. (MHz)	1.5	1.5	99.3	98.5
Limit (dB)	60.0	60.0	30.1	30.2
Worst Pair	36	45	45	45
PS NEXT (dB)	28.2	27.4	33.8	34.5
Freq. (MHz)	1.8	1.9	99.3	99.5
Limit (dB)	56.4	55.9	27.1	27.1



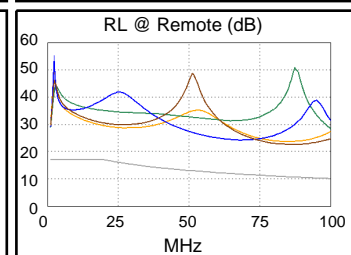
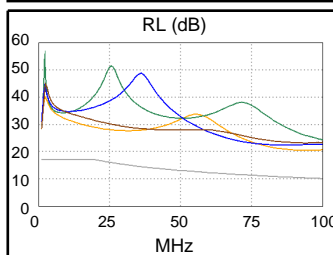
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	12-78	36-45
ACR-F (dB)	36.1	36.1	37.3	37.3
Freq. (MHz)	15.8	15.8	100.0	100.0
Limit (dB)	33.5	33.5	17.4	17.4
Worst Pair	36	36	36	12
PS ACR-F (dB)	34.5	33.9	37.0	37.5
Freq. (MHz)	1.0	1.0	91.3	97.0
Limit (dB)	54.4	54.4	15.2	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	29.5	28.9	55.7	56.0
Freq. (MHz)	1.5	1.5	99.3	98.5
Limit (dB)	57.0	57.0	6.2	6.4
Worst Pair	36	45	45	45
PS ACR-N (dB)	31.2	30.5	57.5	58.2
Freq. (MHz)	1.8	1.9	99.3	99.5
Limit (dB)	53.4	52.8	3.2	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	78
RL (dB)	10.0	11.8	10.0	11.8
Freq. (MHz)	89.5	1.0	91.5	84.3
Limit (dB)	10.5	17.0	10.4	10.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-1.5M-2

Date / Time: 10/15/2018 10:28:05 AM

Headroom 22.4 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

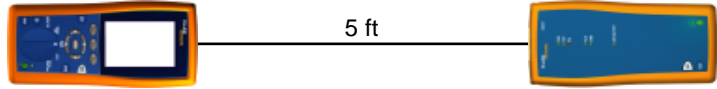
Main S/N: 1019229

Remote S/N: 1019230

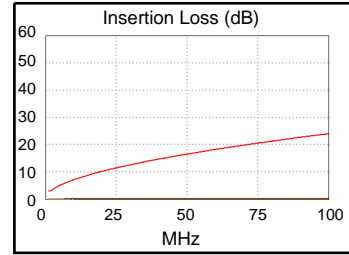
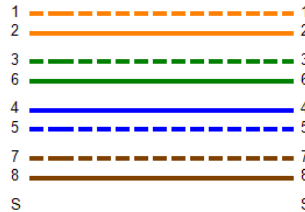
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 12]	7
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 78]	0.5
Insertion Loss Margin (dB)	[Pair 12]	23.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

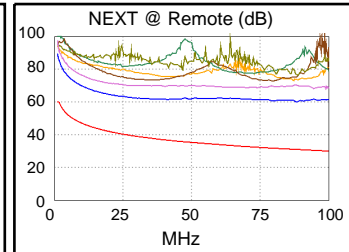
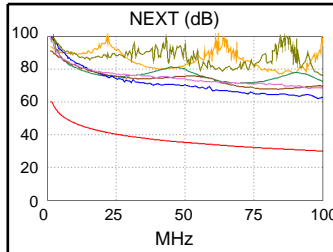


Wire Map (T568B)
PASS

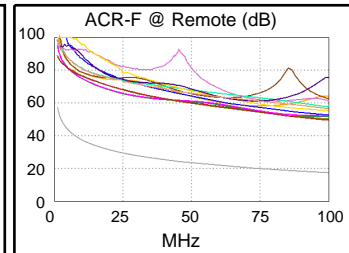
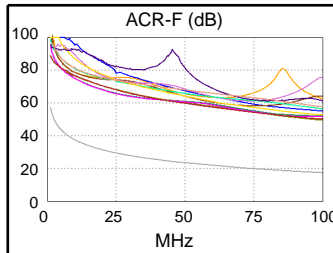


Worst Case Margin Worst Case Value

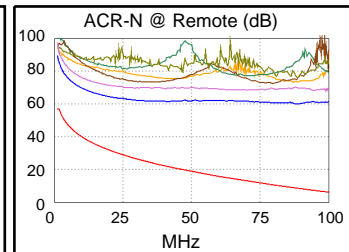
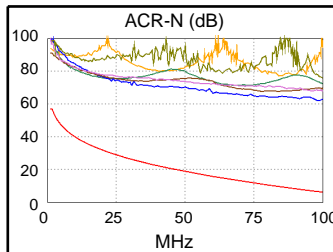
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	12-78	12-78
NEXT (dB)	30.5	22.4	32.1	29.0
Freq. (MHz)	1.8	11.8	98.0	88.0
Limit (dB)	59.4	45.8	30.2	31.0
Worst Pair	36	78	78	78
PS NEXT (dB)	31.4	24.6	34.1	31.5
Freq. (MHz)	1.8	11.8	98.0	88.0
Limit (dB)	56.4	42.8	27.2	28.0



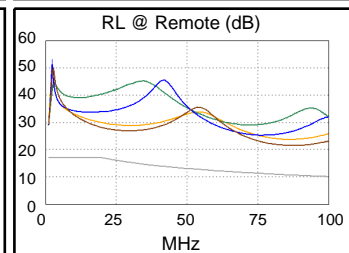
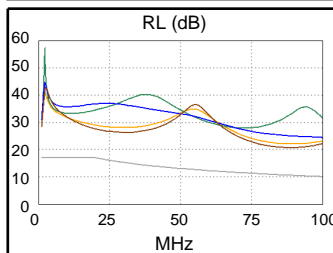
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	32.1	32.1	32.1	32.1
Freq. (MHz)	99.3	99.3	99.3	99.3
Limit (dB)	17.5	17.5	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	32.6	32.8	32.9	33.0
Freq. (MHz)	1.0	93.5	98.5	99.8
Limit (dB)	54.4	15.0	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	12-78	12-78
ACR-N (dB)	33.5	28.2	55.6	51.2
Freq. (MHz)	1.8	1.9	98.0	88.0
Limit (dB)	56.4	55.8	6.5	8.6
Worst Pair	36	78	78	78
PS ACR-N (dB)	34.4	29.8	57.6	53.7
Freq. (MHz)	1.8	1.9	98.0	88.0
Limit (dB)	53.4	52.8	3.5	5.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	10.1	10.7	10.1	10.8
Freq. (MHz)	83.8	84.3	86.5	86.5
Limit (dB)	10.8	10.8	10.6	10.6



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-1.5M-3

Date / Time: 10/15/2018 10:28:20 AM

Headroom 26.5 dB (NEXT 36-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

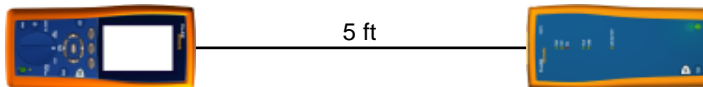
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

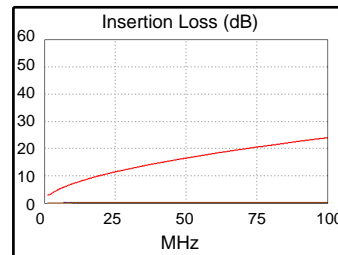
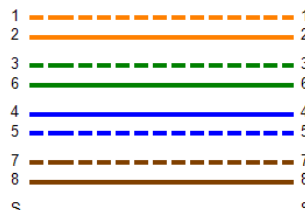
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 12]	7
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 36]	0.5
Insertion Loss Margin (dB)	[Pair 12]	23.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



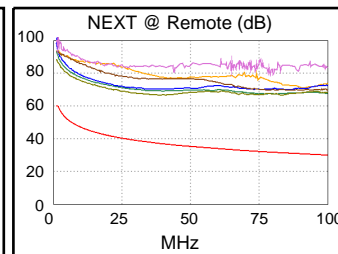
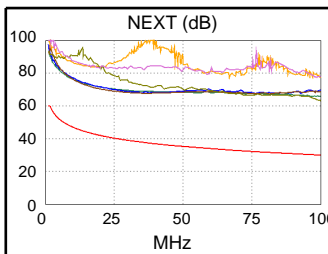
Wire Map (T568B)

PASS

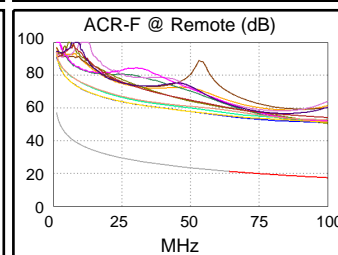
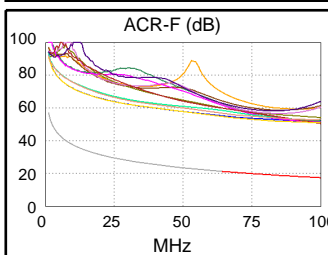


Worst Case Margin Worst Case Value

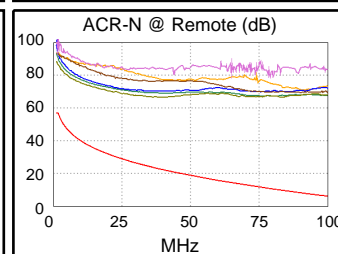
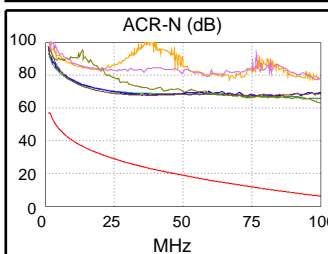
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-78	36-78
NEXT (dB)	28.3	26.5	33.2	34.2
Freq. (MHz)	17.6	1.6	100.0	74.8
Limit (dB)	42.9	59.9	30.1	32.3
Worst Pair	45	36	36	36
PS NEXT (dB)	28.7	28.2	34.9	35.6
Freq. (MHz)	14.0	1.6	100.0	82.0
Limit (dB)	41.6	56.9	27.1	28.6



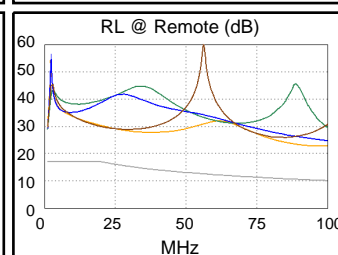
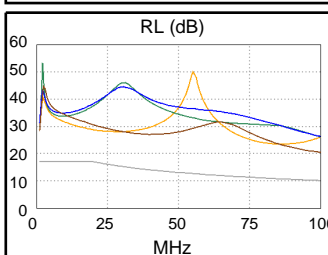
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	45-36	36-45
ACR-F (dB)	32.9	33.0	33.1	33.1
Freq. (MHz)	78.0	74.5	100.0	100.0
Limit (dB)	19.6	20.0	17.4	17.4
Worst Pair	12	45	12	45
PS ACR-F (dB)	33.0	32.4	33.4	32.4
Freq. (MHz)	87.5	96.0	96.3	100.0
Limit (dB)	15.6	14.8	14.7	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-78	36-78	36-78
ACR-N (dB)	33.2	29.5	57.0	54.5
Freq. (MHz)	2.5	1.6	100.0	74.8
Limit (dB)	53.4	56.9	6.1	11.8
Worst Pair	12	36	36	36
PS ACR-N (dB)	33.8	31.2	58.7	57.1
Freq. (MHz)	1.6	1.6	100.0	82.0
Limit (dB)	53.9	53.9	3.1	7.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	12
RL (dB)	10.4	11.8	10.4	12.6
Freq. (MHz)	100.0	1.0	100.0	94.8
Limit (dB)	10.0	17.0	10.0	10.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-1.5M-4

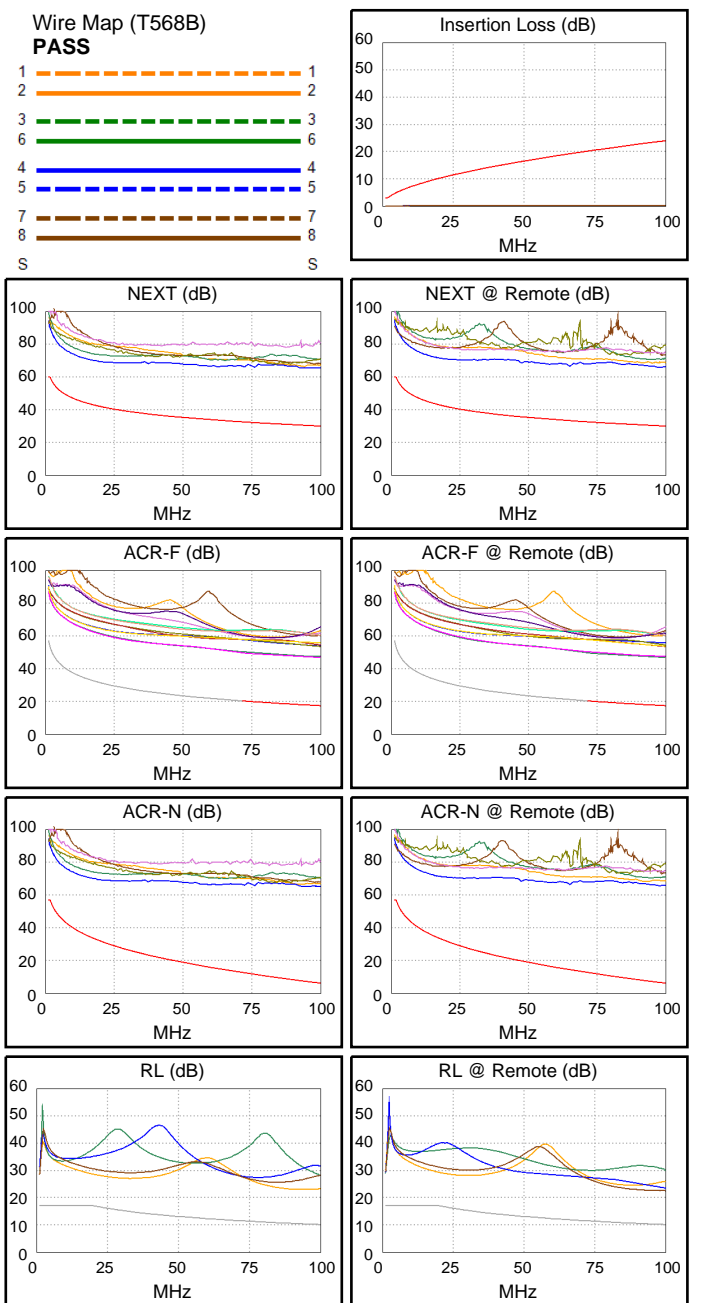
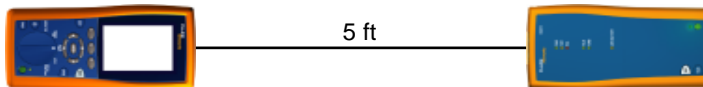
Date / Time: 10/15/2018 10:28:35 AM
Headroom 26.8 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 12]	7
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 78]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	26.8	28.1	34.8	35.5
Freq. (MHz)	12.4	11.9	92.5	97.5
Limit (dB)	45.5	45.8	30.7	30.3
Worst Pair	12	12	12	12
PS NEXT (dB)	28.1	30.1	34.8	35.9
Freq. (MHz)	12.4	11.9	92.5	97.5
Limit (dB)	42.5	42.8	27.7	27.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	28.6	28.6	28.6	28.7
Freq. (MHz)	85.5	81.5	89.5	91.3
Limit (dB)	18.8	19.2	18.4	18.2
Worst Pair	12	45	12	45
PS ACR-F (dB)	30.2	30.4	30.9	31.6
Freq. (MHz)	1.3	1.3	89.5	98.0
Limit (dB)	52.5	52.5	15.4	14.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-78
ACR-N (dB)	32.2	31.9	57.6	59.0
Freq. (MHz)	3.1	1.5	92.5	97.5
Limit (dB)	51.4	57.0	7.7	6.6
Worst Pair	12	36	12	12
PS ACR-N (dB)	33.7	33.3	58.0	59.4
Freq. (MHz)	2.1	1.6	94.0	97.5
Limit (dB)	51.8	53.9	4.3	3.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	12	78
RL (dB)	11.4	11.9	12.6	12.4
Freq. (MHz)	1.0	1.0	93.3	98.0
Limit (dB)	17.0	17.0	10.3	10.1

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-1.5M-5

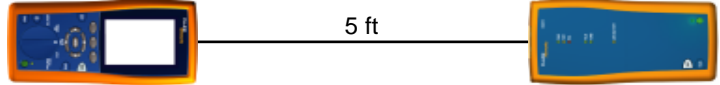
Date / Time: 10/15/2018 10:28:50 AM
Headroom 28.0 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

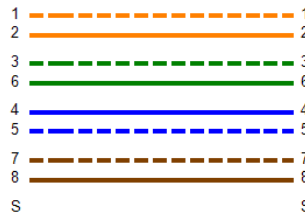
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 12]	7
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 36]	0.4
Insertion Loss Margin (dB)	[Pair 12]	23.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

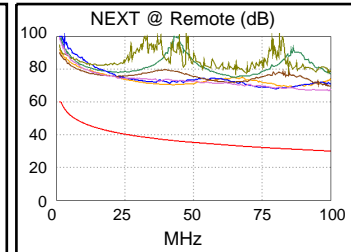
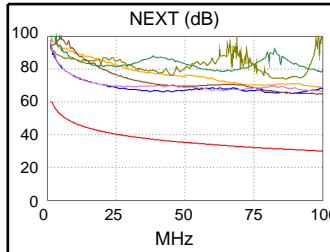


Wire Map (T568B)
PASS

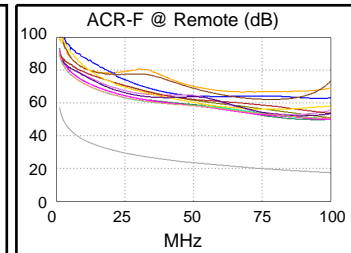
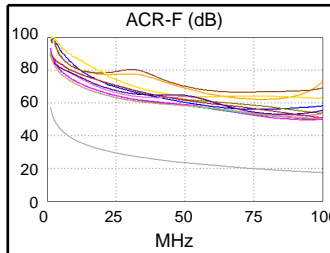


Worst Case Margin Worst Case Value

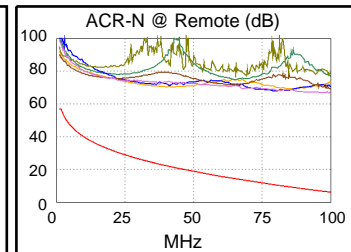
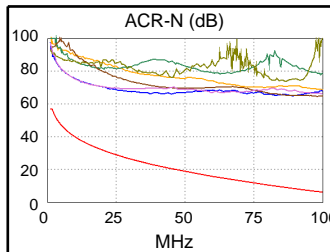
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	45-78
NEXT (dB)	28.0	28.3	34.5	36.9
Freq. (MHz)	11.9	1.6	98.0	99.3
Limit (dB)	45.8	59.9	30.2	30.1
Worst Pair	78	36	45	45
PS NEXT (dB)	28.0	28.1	35.4	37.9
Freq. (MHz)	11.5	1.6	98.0	99.3
Limit (dB)	43.0	56.9	27.2	27.1



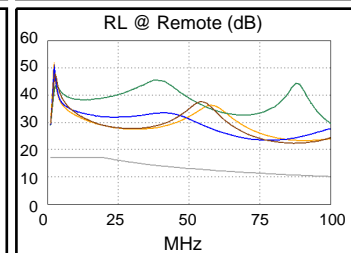
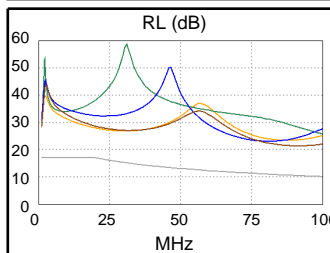
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	31.5	31.5	31.7	31.7
Freq. (MHz)	87.5	87.5	92.3	92.3
Limit (dB)	18.6	18.6	18.1	18.1
Worst Pair	45	45	45	45
PS ACR-F (dB)	31.3	31.1	31.9	31.2
Freq. (MHz)	1.0	87.3	98.0	98.3
Limit (dB)	54.4	15.6	14.6	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	45-78
ACR-N (dB)	33.5	31.3	58.0	60.6
Freq. (MHz)	1.8	1.6	98.0	99.3
Limit (dB)	56.4	56.9	6.5	6.2
Worst Pair	78	36	45	45
PS ACR-N (dB)	32.9	31.1	58.9	61.6
Freq. (MHz)	1.8	1.6	98.0	99.3
Limit (dB)	53.4	53.9	3.5	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	10.8	11.6	10.8	11.6
Freq. (MHz)	88.0	83.5	89.8	84.5
Limit (dB)	10.6	10.8	10.5	10.7



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-1M-1

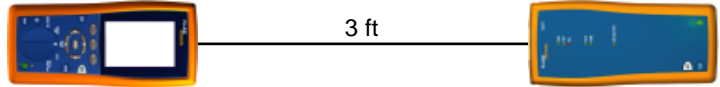
Date / Time: 10/15/2018 10:29:07 AM
Headroom 31.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

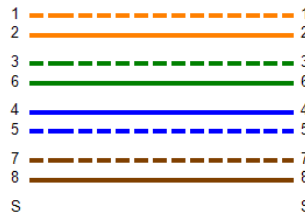
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	3
Prop. Delay (ns), Limit 555	[Pair 36]	5
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 78]	23.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

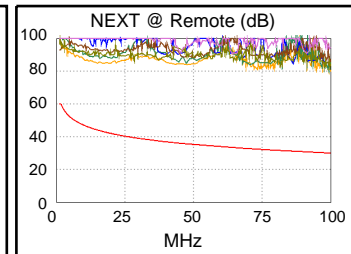
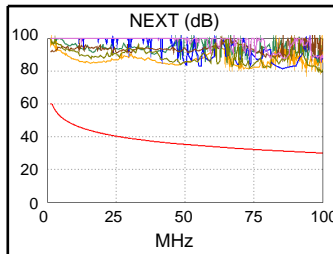


Wire Map (T568B)
PASS

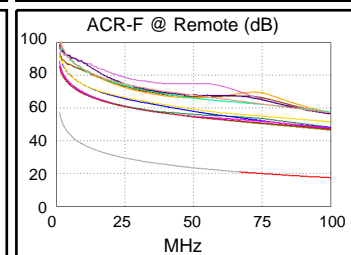
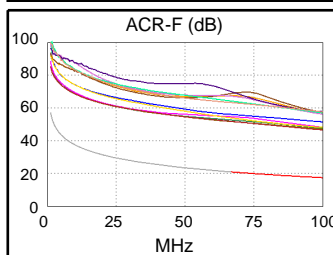


Worst Case Margin Worst Case Value

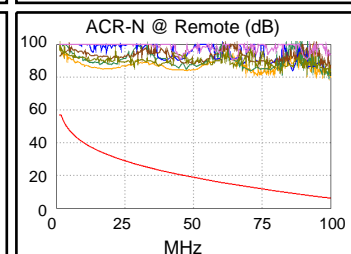
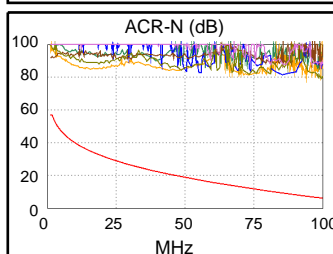
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
NEXT (dB)	31.5	32.9	49.4	49.8
Freq. (MHz)	1.1	1.0	99.5	99.3
Limit (dB)	60.0	60.0	30.1	30.1
Worst Pair	36	36	36	12
PS NEXT (dB)	33.0	33.3	50.7	49.5
Freq. (MHz)	1.5	1.6	99.3	99.3
Limit (dB)	57.0	56.9	27.1	27.1



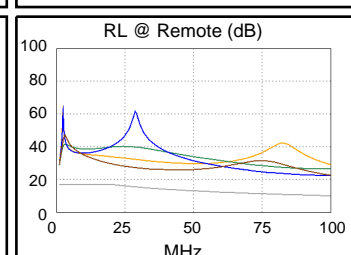
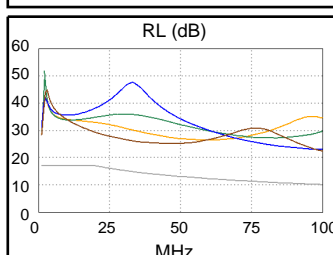
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	29.2	29.1	29.2	29.1
Freq. (MHz)	98.0	99.3	99.8	99.8
Limit (dB)	17.6	17.5	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	29.2	28.8	29.8	29.8
Freq. (MHz)	1.3	1.3	100.0	99.8
Limit (dB)	52.5	52.5	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	12-36
ACR-N (dB)	34.5	35.9	73.1	73.7
Freq. (MHz)	1.1	1.0	99.5	99.3
Limit (dB)	57.0	57.0	6.2	6.2
Worst Pair	36	36	36	12
PS ACR-N (dB)	36.0	36.3	74.6	73.3
Freq. (MHz)	1.5	1.6	99.3	99.3
Limit (dB)	54.0	53.9	3.2	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	45
RL (dB)	11.2	11.7	12.3	12.3
Freq. (MHz)	1.0	1.0	100.0	97.0
Limit (dB)	17.0	17.0	10.0	10.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-1M-2

Date / Time: 10/15/2018 10:29:38 AM

Headroom 32.9 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

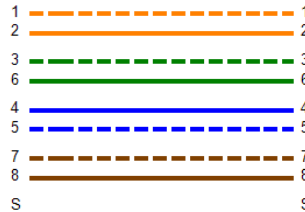
Length (ft), Limit 328	[Pair 12]	3
Prop. Delay (ns), Limit 555	[Pair 36]	5
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 78]	0.4
Insertion Loss Margin (dB)	[Pair 78]	23.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



3 ft

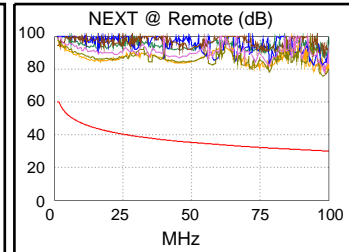
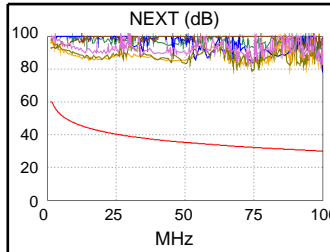


Wire Map (T568B)
PASS

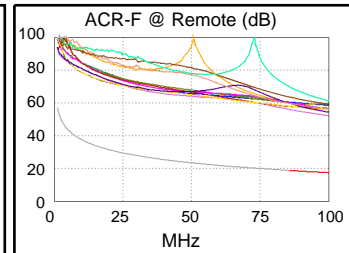
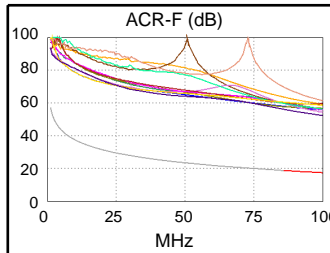


Worst Case Margin Worst Case Value

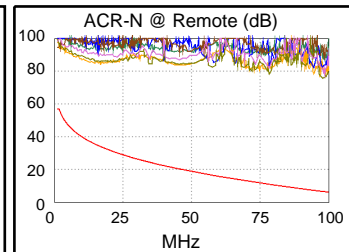
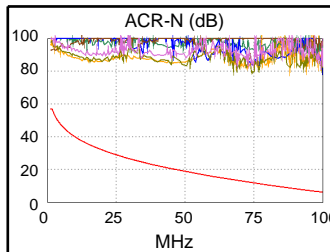
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	32.9	33.5	46.3	45.7
Freq. (MHz)	1.0	1.3	74.8	97.8
Limit (dB)	60.0	60.0	32.3	30.2
Worst Pair	36	36	78	78
PS NEXT (dB)	33.5	33.6	47.2	46.6
Freq. (MHz)	1.0	1.6	74.8	98.5
Limit (dB)	57.0	56.9	29.3	27.2



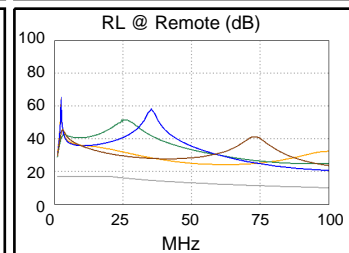
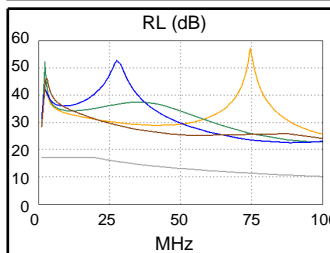
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	35.0	34.9	35.0	34.9
Freq. (MHz)	99.3	99.3	99.8	99.8
Limit (dB)	17.5	17.5	17.4	17.4
Worst Pair	36	36	78	36
PS ACR-F (dB)	34.3	35.0	36.2	36.5
Freq. (MHz)	1.1	1.0	100.0	100.0
Limit (dB)	53.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	35.9	36.5	66.8	69.3
Freq. (MHz)	1.0	1.3	74.8	97.8
Limit (dB)	57.0	57.0	11.8	6.5
Worst Pair	36	36	78	78
PS ACR-N (dB)	36.5	36.6	67.7	70.2
Freq. (MHz)	1.0	1.6	74.8	98.5
Limit (dB)	54.0	53.9	8.8	3.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	45	45	45
RL (dB)	11.2	10.7	12.0	10.7
Freq. (MHz)	1.0	96.5	88.5	100.0
Limit (dB)	17.0	10.2	10.5	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-1M-3

Date / Time: 10/15/2018 10:29:52 AM

Headroom 31.5 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

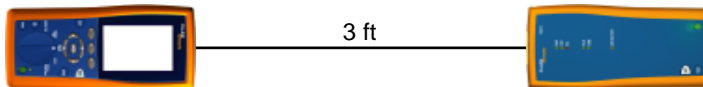
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	3
Prop. Delay (ns), Limit 555	[Pair 36]	5
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 36]	0.4
Insertion Loss Margin (dB)	[Pair 12]	23.7
Frequency (MHz)	[Pair 12]	99.5
Limit (dB)	[Pair 12]	23.9



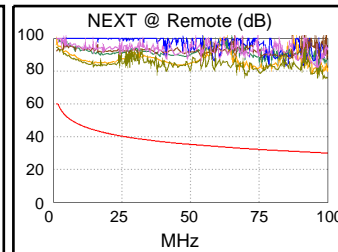
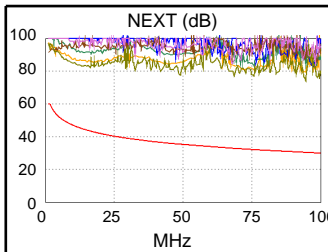
Wire Map (T568B)

PASS

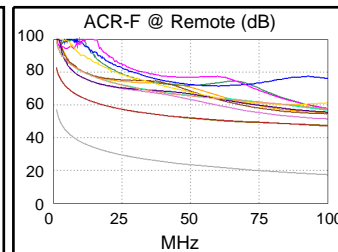
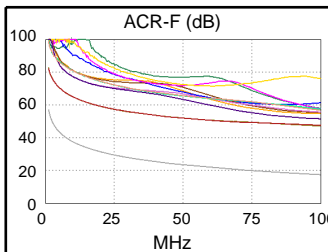


Worst Case Margin Worst Case Value

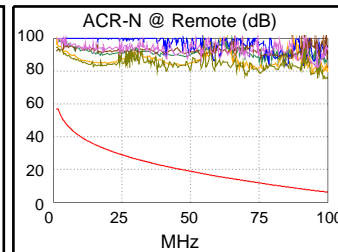
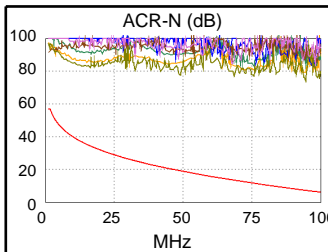
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	31.5	31.5	43.7	45.6
Freq. (MHz)	1.0	1.1	94.5	98.3
Limit (dB)	60.0	60.0	30.5	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	32.6	31.8	45.5	47.3
Freq. (MHz)	1.0	1.5	94.5	100.0
Limit (dB)	57.0	57.0	27.5	27.1



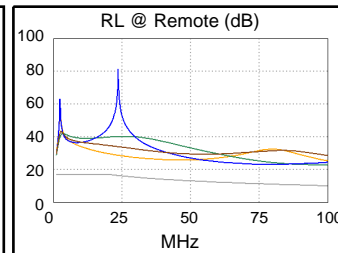
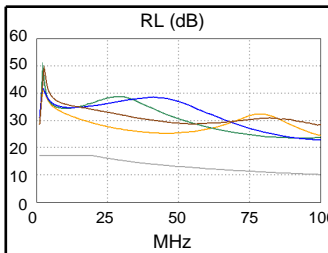
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	27.2	27.2	29.8	29.8
Freq. (MHz)	5.4	5.4	99.5	99.5
Limit (dB)	42.8	42.8	17.4	17.4
Worst Pair	36	45	36	36
PS ACR-F (dB)	28.1	28.1	31.0	31.7
Freq. (MHz)	1.0	1.0	98.3	99.5
Limit (dB)	54.4	54.4	14.6	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	34.5	34.5	66.9	69.3
Freq. (MHz)	1.0	1.1	94.5	98.3
Limit (dB)	57.0	57.0	7.2	6.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	35.6	34.8	68.7	71.2
Freq. (MHz)	1.0	1.5	94.5	100.0
Limit (dB)	54.0	54.0	4.2	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	36	45	36
RL (dB)	11.3	11.7	12.7	12.5
Freq. (MHz)	34.3	1.0	98.8	94.5
Limit (dB)	14.7	17.0	10.1	10.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-1M-4

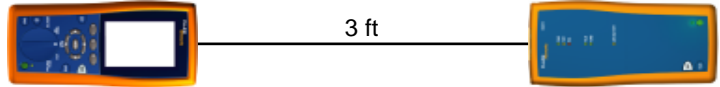
Date / Time: 10/15/2018 10:30:07 AM
Headroom 32.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

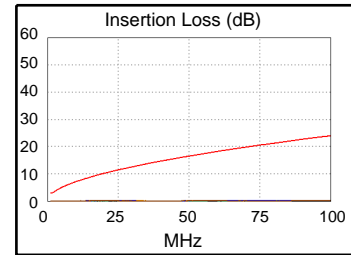
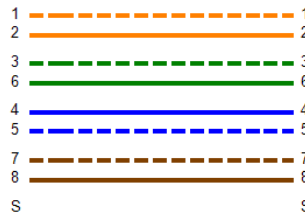
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	3
Prop. Delay (ns), Limit 555	[Pair 36]	5
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	23.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

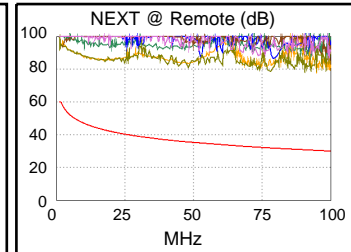
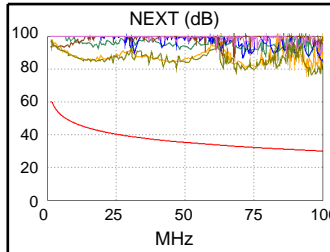


Wire Map (T568B)
PASS

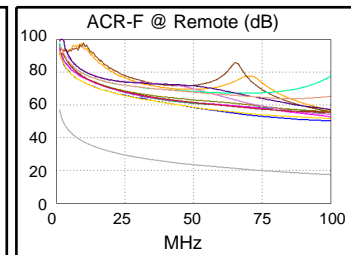
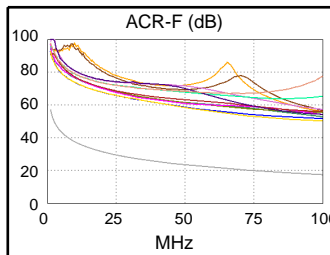


Worst Case Margin Worst Case Value

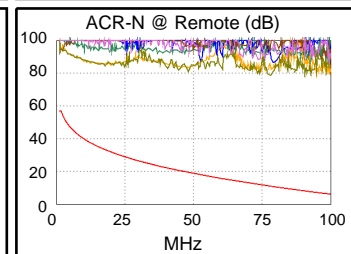
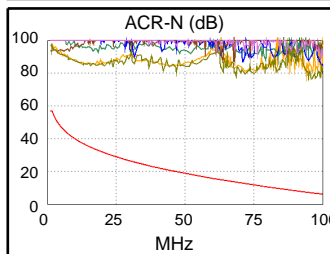
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
NEXT (dB)	32.5	33.2	46.2	46.8
Freq. (MHz)	1.3	1.3	95.8	78.0
Limit (dB)	60.0	60.0	30.4	31.9
Worst Pair	36	36	36	36
PS NEXT (dB)	33.1	33.0	48.0	49.3
Freq. (MHz)	1.5	1.4	96.0	92.8
Limit (dB)	57.0	57.0	27.4	27.6



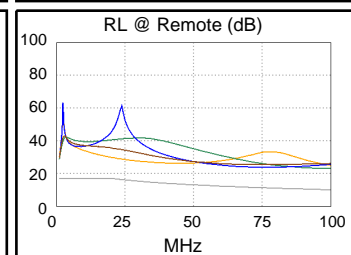
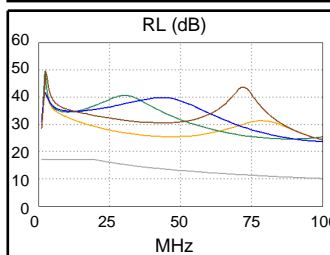
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	32.7	32.7	32.8	32.9
Freq. (MHz)	83.5	86.3	99.0	98.5
Limit (dB)	19.0	18.7	17.5	17.5
Worst Pair	12	12	12	12
PS ACR-F (dB)	33.8	34.0	33.8	34.0
Freq. (MHz)	98.0	99.0	99.5	99.0
Limit (dB)	14.6	14.5	14.4	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-78
ACR-N (dB)	35.5	36.2	69.5	67.7
Freq. (MHz)	1.3	1.3	95.8	78.0
Limit (dB)	57.0	57.0	7.0	11.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	36.1	36.0	71.4	72.2
Freq. (MHz)	1.5	1.4	96.0	92.8
Limit (dB)	54.0	54.0	3.9	4.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	45	36
RL (dB)	11.4	11.7	13.7	12.9
Freq. (MHz)	1.0	1.0	100.0	96.5
Limit (dB)	17.0	17.0	10.0	10.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-1M-5

Date / Time: 10/15/2018 10:30:22 AM

Headroom 32.7 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

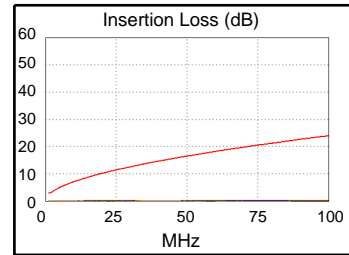
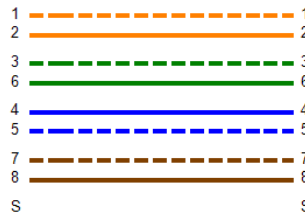
Length (ft), Limit 328	[Pair 12]	3
Prop. Delay (ns), Limit 555	[Pair 36]	5
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 45]	23.1
Frequency (MHz)	[Pair 45]	94.5
Limit (dB)	[Pair 45]	23.3



3 ft

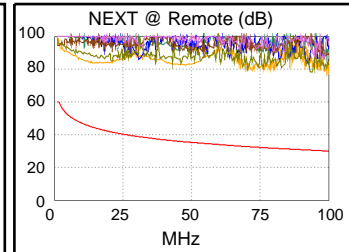
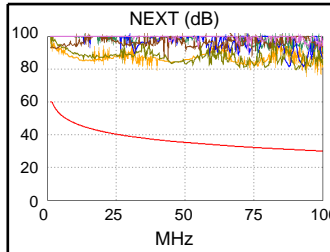


Wire Map (T568B)
PASS

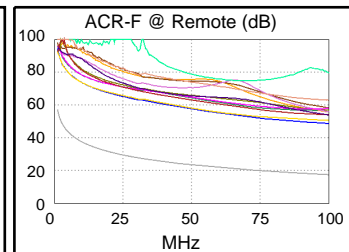
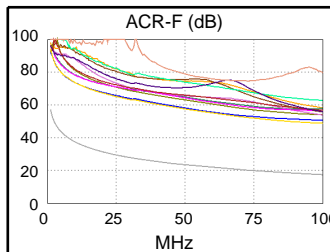


Worst Case Margin Worst Case Value

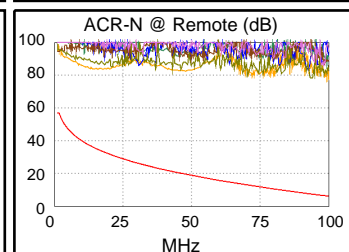
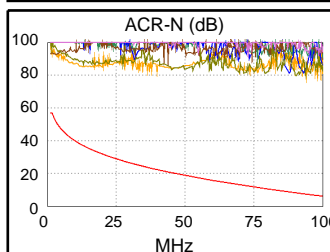
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
NEXT (dB)	32.7	33.3	48.2	47.0
Freq. (MHz)	1.4	1.8	94.0	100.0
Limit (dB)	60.0	59.4	30.5	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	32.7	33.2	50.6	48.9
Freq. (MHz)	1.6	1.6	98.0	100.0
Limit (dB)	56.9	56.9	27.2	27.1



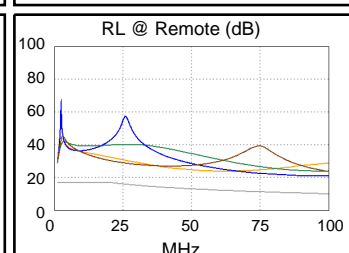
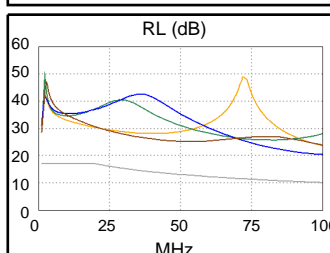
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	31.3	31.3	31.4	31.3
Freq. (MHz)	94.8	94.8	100.0	100.0
Limit (dB)	17.9	17.9	17.4	17.4
Worst Pair	12	78	12	78
PS ACR-F (dB)	33.0	33.6	33.1	33.6
Freq. (MHz)	94.8	100.0	100.0	100.0
Limit (dB)	14.9	14.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
ACR-N (dB)	35.7	36.3	71.3	70.9
Freq. (MHz)	1.4	1.8	94.0	100.0
Limit (dB)	57.0	56.4	7.3	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	35.7	36.2	74.2	72.8
Freq. (MHz)	1.6	1.6	98.0	100.0
Limit (dB)	53.9	53.9	3.5	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	10.4	10.5	10.4	10.6
Freq. (MHz)	96.8	88.0	99.8	91.3
Limit (dB)	10.2	10.6	10.0	10.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-2M-1

Date / Time: 10/15/2018 10:30:46 AM

Headroom 24.7 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

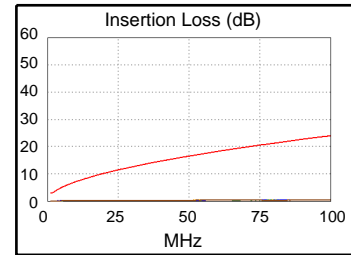
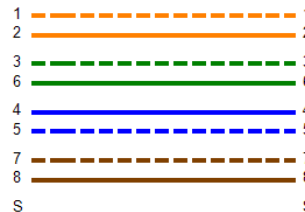
Length (ft), Limit 328	[Pair 12]	6
Prop. Delay (ns), Limit 555	[Pair 36]	10
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.4
Insertion Loss Margin (dB)	[Pair 12]	23.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



6 ft

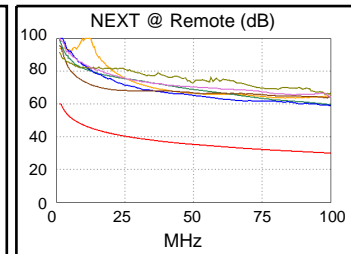
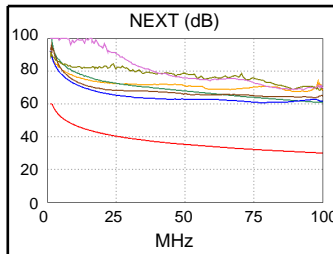


Wire Map (T568B)
PASS

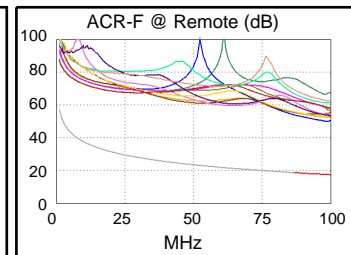
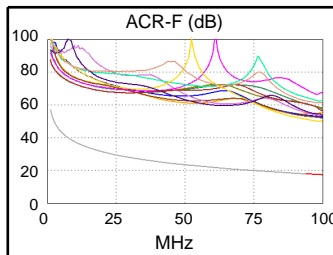


Worst Case Margin Worst Case Value

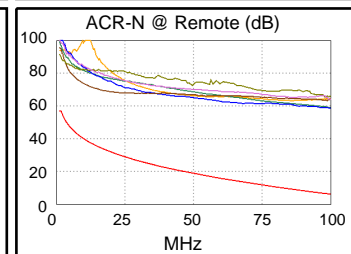
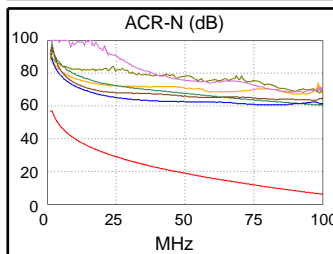
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-78
NEXT (dB)	24.7	26.3	28.8	29.1
Freq. (MHz)	18.4	14.0	77.5	99.3
Limit (dB)	42.6	44.6	32.0	30.1
Worst Pair	12	45	12	12
PS NEXT (dB)	26.2	28.4	30.9	28.7
Freq. (MHz)	10.8	14.0	99.8	99.3
Limit (dB)	43.5	41.6	27.1	27.1



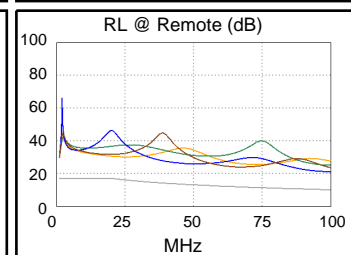
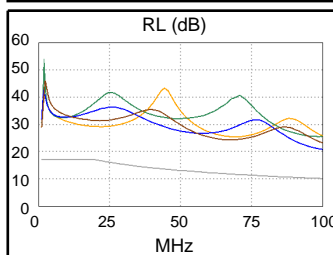
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	32.5	32.5	32.5	32.5
Freq. (MHz)	98.3	98.3	98.3	98.3
Limit (dB)	17.6	17.6	17.6	17.6
Worst Pair	36	45	12	78
PS ACR-F (dB)	32.1	31.6	33.4	34.1
Freq. (MHz)	1.0	1.0	98.3	99.8
Limit (dB)	54.4	54.4	14.6	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-78	12-45	12-78
ACR-N (dB)	30.5	32.8	54.3	52.6
Freq. (MHz)	1.9	1.9	98.8	99.3
Limit (dB)	55.8	55.8	6.3	6.2
Worst Pair	12	36	12	12
PS ACR-N (dB)	30.8	33.5	54.5	52.2
Freq. (MHz)	1.9	1.6	99.8	99.3
Limit (dB)	52.8	53.9	3.1	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	10.8	11.1	10.8	11.1
Freq. (MHz)	99.0	96.0	99.8	97.0
Limit (dB)	10.1	10.2	10.0	10.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-2M-2

Date / Time: 10/15/2018 10:31:04 AM

Headroom 28.8 dB (NEXT 36-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

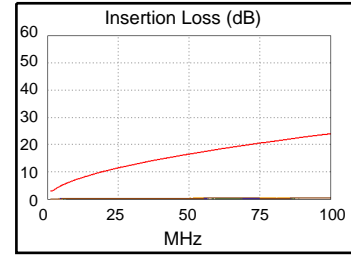
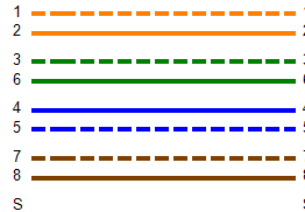
Length (ft), Limit 328	[Pair 12]	6
Prop. Delay (ns), Limit 555	[Pair 36]	10
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 78]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



6 ft

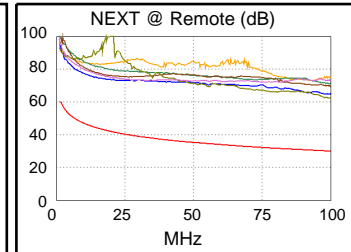
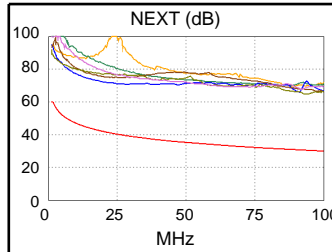


Wire Map (T568B)
PASS

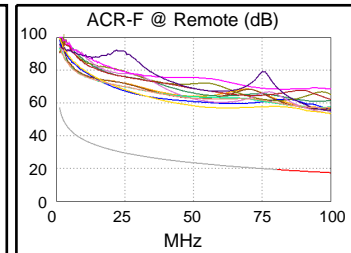
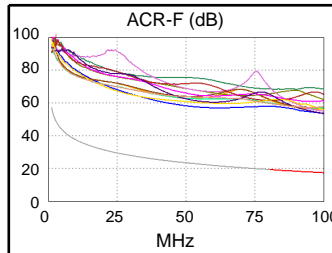


Worst Case Margin Worst Case Value

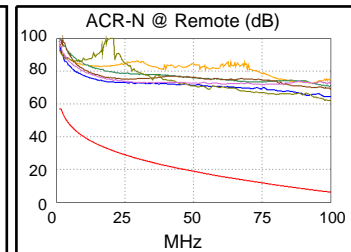
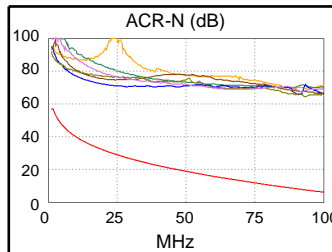
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-78	36-78	36-78
NEXT (dB)	28.8	30.3	34.3	32.2
Freq. (MHz)	1.5	2.9	94.3	100.0
Limit (dB)	60.0	55.9	30.5	30.1
Worst Pair	36	78	78	78
PS NEXT (dB)	29.9	29.9	34.0	33.2
Freq. (MHz)	1.9	1.9	92.0	99.3
Limit (dB)	55.9	55.9	27.7	27.1



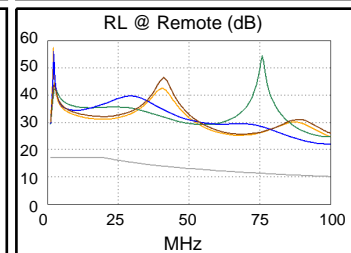
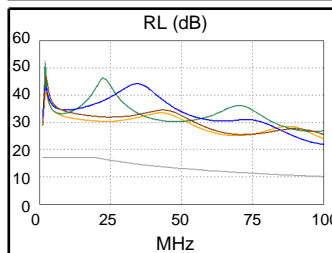
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	34.8	34.7	36.1	36.1
Freq. (MHz)	49.3	50.3	100.0	100.0
Limit (dB)	23.6	23.4	17.4	17.4
Worst Pair	45	45	78	78
PS ACR-F (dB)	34.4	34.7	35.8	36.3
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	31.8	33.6	57.1	55.8
Freq. (MHz)	1.5	1.9	94.3	100.0
Limit (dB)	57.0	55.8	7.3	6.1
Worst Pair	36	78	78	78
PS ACR-N (dB)	33.0	33.0	56.6	56.7
Freq. (MHz)	1.9	1.9	92.0	99.3
Limit (dB)	52.8	52.8	4.8	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	11.8	11.9	11.8	11.9
Freq. (MHz)	100.0	96.5	100.0	97.8
Limit (dB)	10.0	10.2	10.0	10.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-2M-3

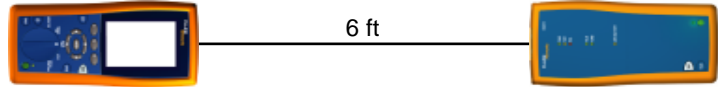
Date / Time: 10/15/2018 10:31:20 AM
Headroom 26.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

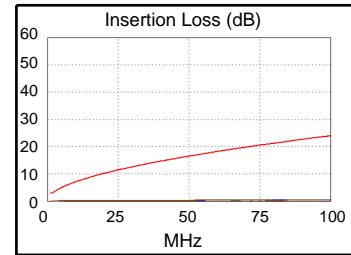
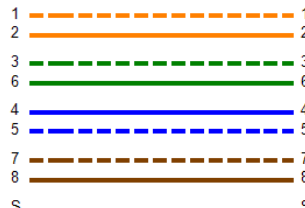
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	6
Prop. Delay (ns), Limit 555	[Pair 36]	10
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.5
Insertion Loss Margin (dB)	[Pair 12]	23.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

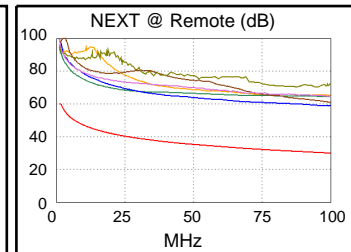
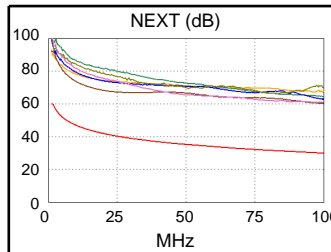


Wire Map (T568B)
PASS

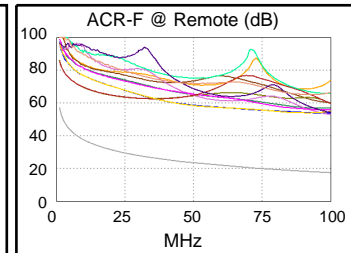
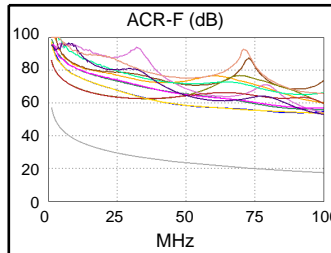


Worst Case Margin Worst Case Value

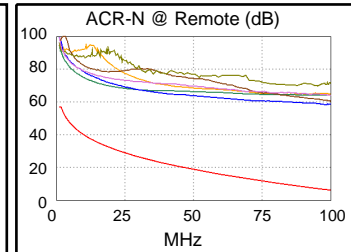
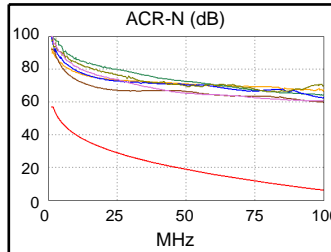
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	12-78
NEXT (dB)	26.2	27.5	30.2	28.7
Freq. (MHz)	13.6	15.0	99.8	97.8
Limit (dB)	44.8	44.1	30.1	30.2
Worst Pair	36	12	45	12
PS NEXT (dB)	27.8	28.2	29.8	30.0
Freq. (MHz)	12.4	24.3	99.3	97.8
Limit (dB)	42.5	37.6	27.1	27.2



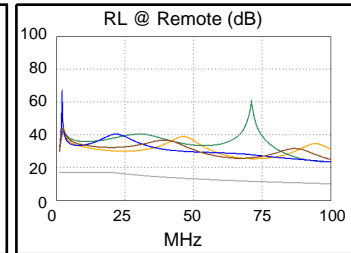
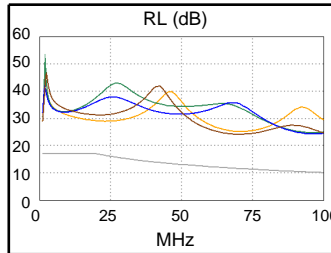
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	78-36	36-78
ACR-F (dB)	32.0	32.0	35.6	35.5
Freq. (MHz)	9.5	9.5	100.0	100.0
Limit (dB)	37.8	37.8	17.4	17.4
Worst Pair	36	36	78	78
PS ACR-F (dB)	31.3	31.3	36.9	36.0
Freq. (MHz)	1.0	1.0	98.5	99.5
Limit (dB)	54.4	54.4	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	36-45	12-78
ACR-N (dB)	33.0	33.4	53.8	52.0
Freq. (MHz)	1.8	2.8	99.8	97.8
Limit (dB)	56.4	52.5	6.1	6.5
Worst Pair	36	12	45	12
PS ACR-N (dB)	33.1	34.0	53.3	53.3
Freq. (MHz)	1.8	1.6	99.3	97.8
Limit (dB)	53.4	53.9	3.2	3.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
RL (dB)	11.8	12.3	12.5	13.3
Freq. (MHz)	1.0	1.0	69.5	99.3
Limit (dB)	17.0	17.0	11.6	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-2M-4

Date / Time: 10/15/2018 10:31:35 AM

Headroom 25.2 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

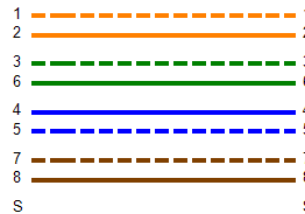
Length (ft), Limit 328	[Pair 12]	6
Prop. Delay (ns), Limit 555	[Pair 36]	10
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



6 ft

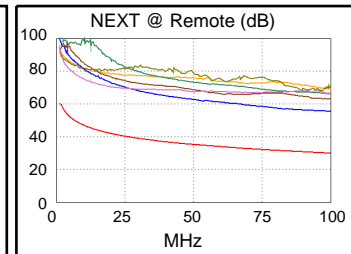
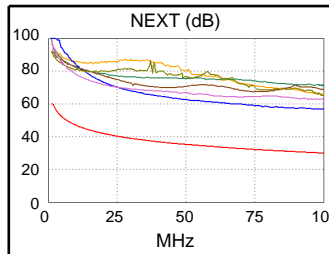


Wire Map (T568B)
PASS

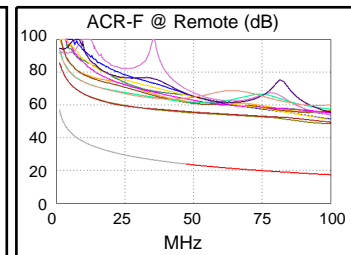
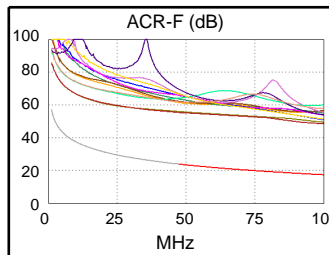


Worst Case Margin Worst Case Value

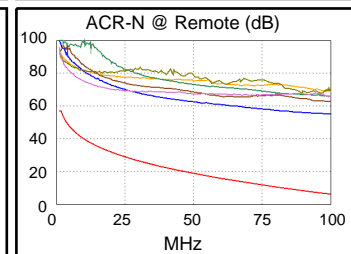
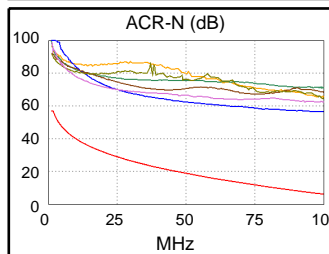
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	26.2	25.2	26.6	25.5
Freq. (MHz)	78.3	93.8	96.8	99.8
Limit (dB)	31.9	30.6	30.3	30.1
Worst Pair	78	78	78	12
PS NEXT (dB)	28.1	27.7	28.3	27.9
Freq. (MHz)	78.0	93.8	99.5	99.8
Limit (dB)	28.9	27.6	27.1	27.1



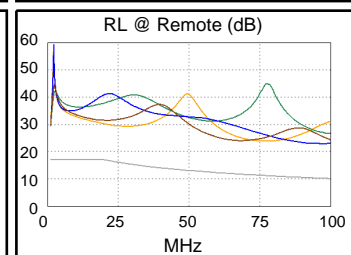
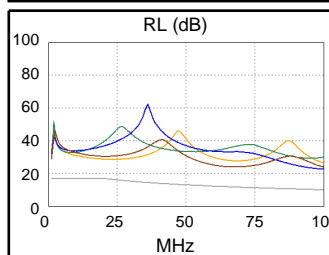
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	29.2	29.2	31.2	31.2
Freq. (MHz)	8.8	8.8	99.8	99.8
Limit (dB)	38.6	38.6	17.4	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	30.3	30.1	32.5	32.7
Freq. (MHz)	1.0	1.0	98.8	98.0
Limit (dB)	54.4	54.4	14.5	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	45-78	12-78	12-78
ACR-N (dB)	32.9	32.7	49.8	49.1
Freq. (MHz)	1.8	2.6	96.8	99.8
Limit (dB)	56.4	52.9	6.7	6.1
Worst Pair	36	78	78	12
PS ACR-N (dB)	33.0	32.7	51.8	51.5
Freq. (MHz)	1.8	1.9	99.5	99.8
Limit (dB)	53.4	52.8	3.2	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	36	45	45
RL (dB)	11.7	12.2	12.7	12.7
Freq. (MHz)	20.0	1.0	99.8	95.0
Limit (dB)	17.0	17.0	10.0	10.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-2M-5

Date / Time: 10/15/2018 10:31:50 AM

Headroom 23.4 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

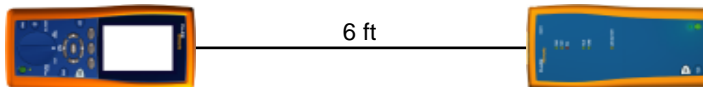
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

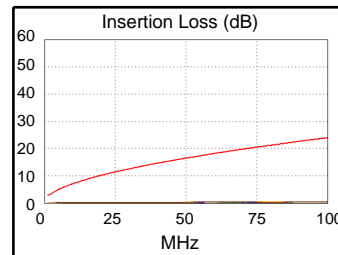
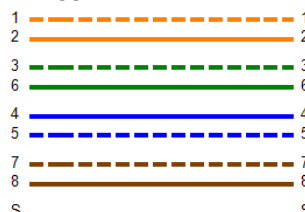
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	6
Prop. Delay (ns), Limit 555	[Pair 36]	10
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 36]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



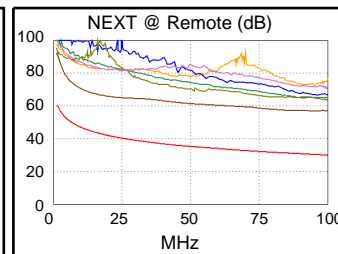
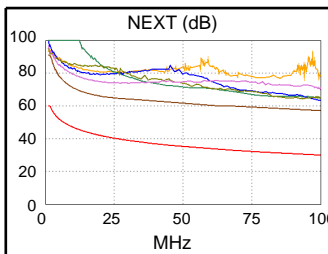
Wire Map (T568B)

PASS

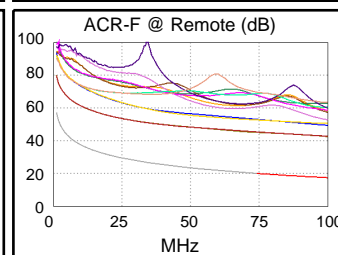
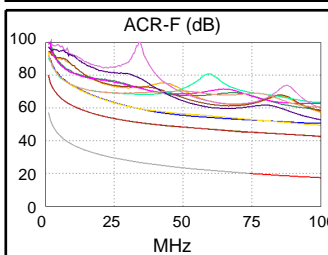


Worst Case Margin Worst Case Value

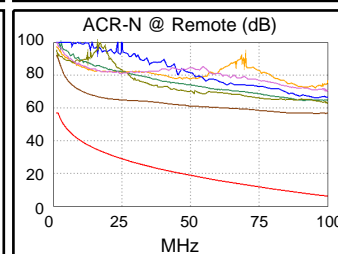
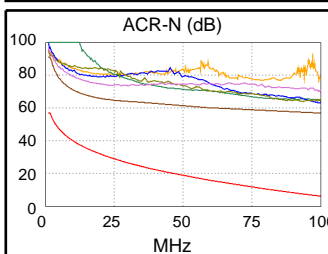
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	23.8	23.4	27.0	26.7
Freq. (MHz)	12.9	11.4	98.5	97.3
Limit (dB)	45.2	46.1	30.2	30.3
Worst Pair	45	36	45	36
PS NEXT (dB)	26.2	26.2	29.2	29.0
Freq. (MHz)	12.9	11.4	99.0	99.3
Limit (dB)	42.2	43.1	27.2	27.1



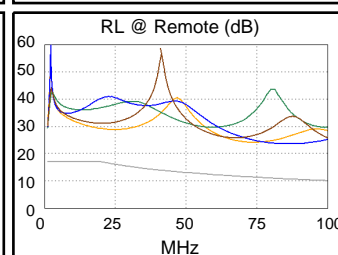
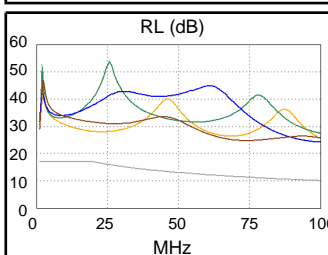
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	23.3	23.3	25.1	25.1
Freq. (MHz)	3.5	3.5	100.0	100.0
Limit (dB)	46.5	46.5	17.4	17.4
Worst Pair	36	45	36	36
PS ACR-F (dB)	25.1	25.1	27.6	28.0
Freq. (MHz)	1.1	1.1	100.0	100.0
Limit (dB)	53.4	53.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	30.7	30.0	50.5	50.1
Freq. (MHz)	5.9	5.4	98.5	97.3
Limit (dB)	45.4	46.3	6.4	6.6
Worst Pair	45	36	45	36
PS ACR-N (dB)	32.9	32.6	52.8	52.6
Freq. (MHz)	4.8	5.4	99.0	99.3
Limit (dB)	44.5	43.3	3.3	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	45
RL (dB)	11.2	12.2	14.2	12.8
Freq. (MHz)	19.3	19.8	99.0	83.0
Limit (dB)	17.0	17.0	10.1	10.8



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-3M-1

Date / Time: 10/15/2018 10:32:38 AM

Headroom 25.0 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

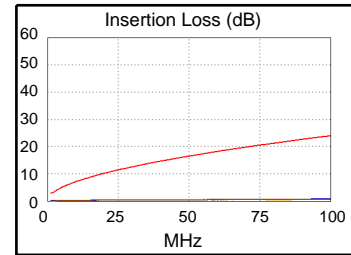
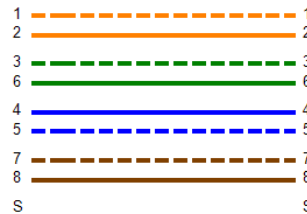
Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	15
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 36]	0.7
Insertion Loss Margin (dB)	[Pair 45]	23.3
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



10 ft

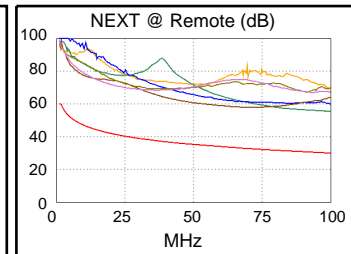
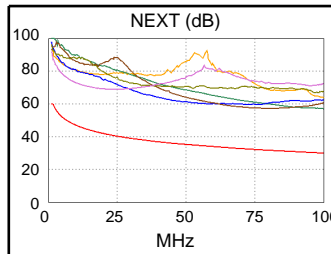


Wire Map (T568B)
PASS

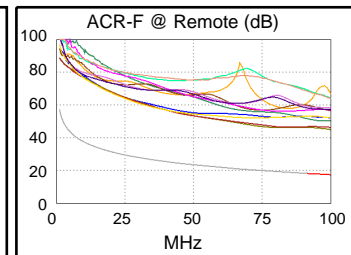
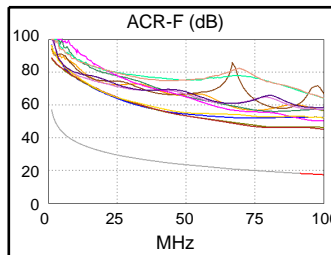


Worst Case Margin Worst Case Value

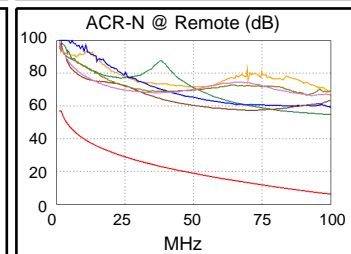
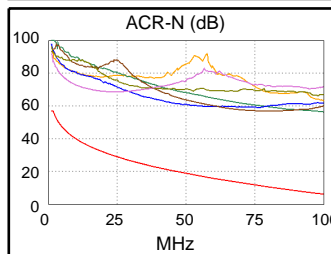
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	12-45
NEXT (dB)	25.2	25.0	27.0	25.5
Freq. (MHz)	71.8	57.0	99.8	99.3
Limit (dB)	32.6	34.3	30.1	30.1
Worst Pair	45	45	45	12
PS NEXT (dB)	26.6	26.2	26.9	27.0
Freq. (MHz)	71.8	71.5	89.0	100.0
Limit (dB)	29.6	29.6	28.0	27.1



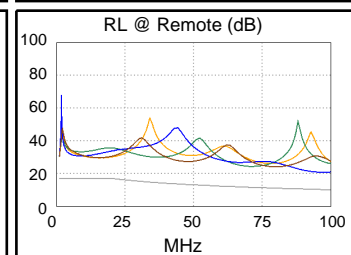
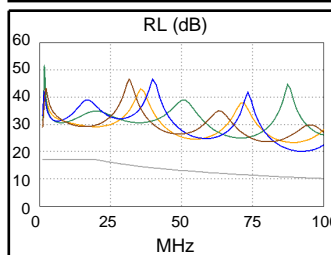
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	26.8	26.8	27.7	27.6
Freq. (MHz)	75.3	75.3	99.8	99.8
Limit (dB)	19.9	19.9	17.4	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	29.3	29.3	30.2	29.6
Freq. (MHz)	75.3	75.3	99.8	99.8
Limit (dB)	16.9	16.9	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-78	12-45	12-45
ACR-N (dB)	30.5	36.1	50.3	48.7
Freq. (MHz)	1.5	1.5	99.8	99.3
Limit (dB)	57.0	57.0	6.1	6.2
Worst Pair	78	36	45	12
PS ACR-N (dB)	31.7	35.4	48.9	50.4
Freq. (MHz)	1.5	1.5	89.0	100.0
Limit (dB)	54.0	54.0	5.4	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	9.7	10.5	9.7	10.5
Freq. (MHz)	90.3	96.0	90.8	96.0
Limit (dB)	10.5	10.2	10.4	10.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-3M-2

Date / Time: 10/15/2018 10:32:58 AM

Headroom 22.7 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

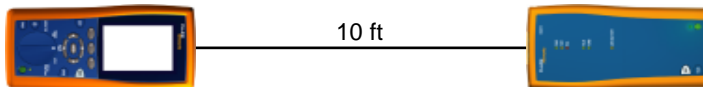
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

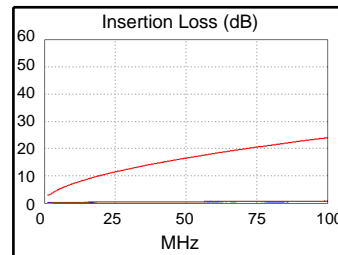
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	15
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.7
Insertion Loss Margin (dB)	[Pair 78]	23.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



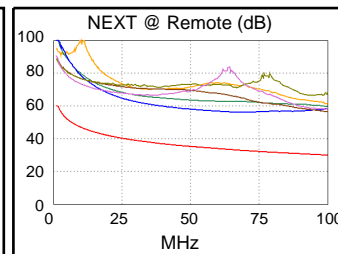
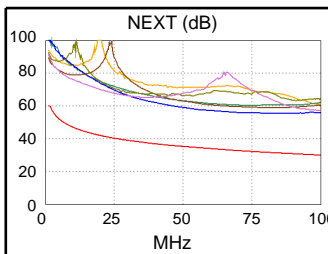
Wire Map (T568B)

PASS

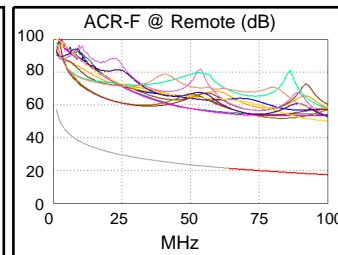
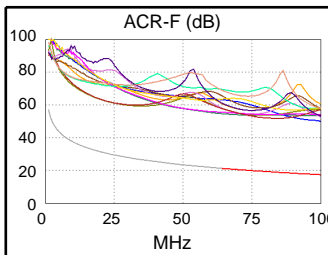


Worst Case Margin Worst Case Value

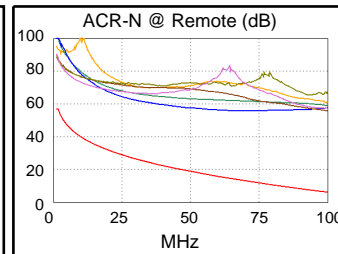
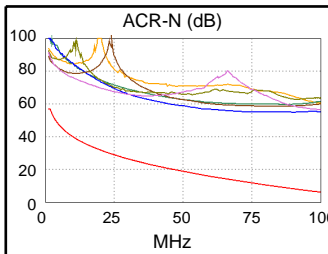
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	23.1	22.7	23.8	23.1
Freq. (MHz)	57.0	47.3	82.0	66.0
Limit (dB)	34.3	35.7	31.6	33.2
Worst Pair	12	12	78	45
PS NEXT (dB)	24.6	24.4	26.1	25.9
Freq. (MHz)	57.8	39.0	99.5	100.0
Limit (dB)	31.2	34.1	27.1	27.1



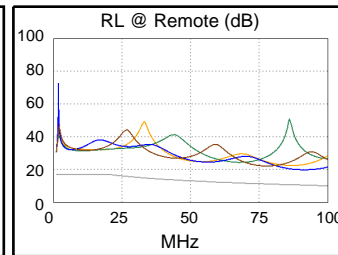
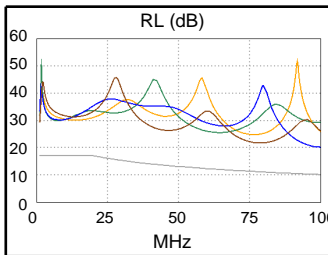
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	12-78	78-12
ACR-F (dB)	31.6	31.6	32.7	32.8
Freq. (MHz)	24.9	24.9	99.8	99.5
Limit (dB)	29.5	29.5	17.4	17.4
Worst Pair	36	36	78	12
PS ACR-F (dB)	32.5	33.1	33.4	33.9
Freq. (MHz)	1.1	1.0	99.8	99.8
Limit (dB)	53.4	54.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	12-78	12-78
ACR-N (dB)	29.8	29.8	44.9	41.8
Freq. (MHz)	1.6	1.6	82.0	66.0
Limit (dB)	56.9	56.9	10.0	14.0
Worst Pair	45	36	78	45
PS ACR-N (dB)	30.5	29.9	49.4	49.3
Freq. (MHz)	1.6	1.6	99.8	100.0
Limit (dB)	53.9	53.9	3.1	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	10.1	9.3	10.1	9.3
Freq. (MHz)	98.5	89.8	99.8	89.8
Limit (dB)	10.1	10.5	10.0	10.5



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-3M-3

Date / Time: 10/15/2018 10:33:16 AM

Headroom 25.5 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

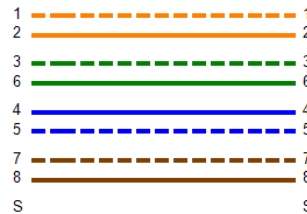
Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	15
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.7
Insertion Loss Margin (dB)	[Pair 45]	23.3
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



10 ft

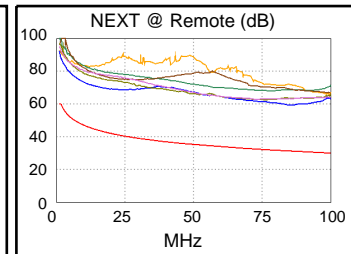
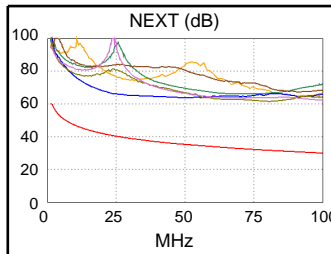


Wire Map (T568B)
PASS

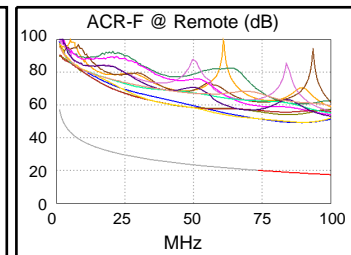
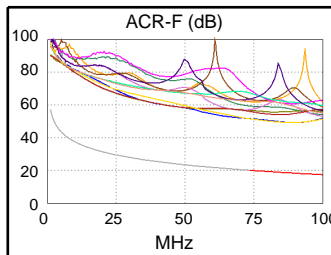


Worst Case Margin Worst Case Value

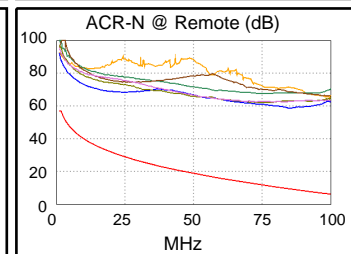
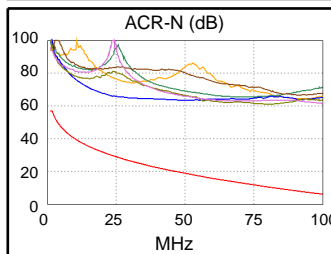
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-78	12-78
NEXT (dB)	25.5	26.1	29.7	27.9
Freq. (MHz)	23.6	10.5	79.3	84.8
Limit (dB)	40.8	46.6	31.8	31.3
Worst Pair	78	78	78	78
PS NEXT (dB)	28.0	27.4	29.7	28.5
Freq. (MHz)	56.3	10.5	79.3	84.5
Limit (dB)	31.4	43.6	28.8	28.3



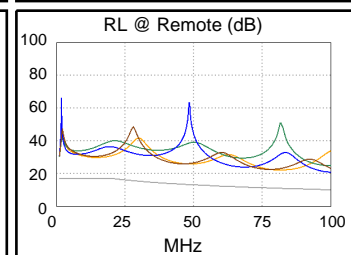
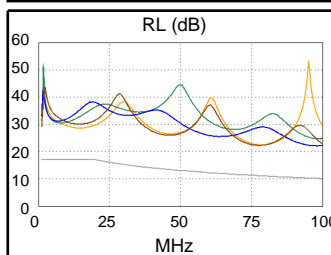
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	30.6	30.6	30.7	30.6
Freq. (MHz)	81.8	81.8	88.0	87.5
Limit (dB)	19.2	19.2	18.5	18.6
Worst Pair	12	12	78	12
PS ACR-F (dB)	33.2	33.1	33.4	33.1
Freq. (MHz)	81.8	87.5	92.0	88.5
Limit (dB)	16.2	15.6	15.1	15.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-78	12-78
ACR-N (dB)	35.7	30.9	50.3	49.3
Freq. (MHz)	16.3	1.8	79.3	84.8
Limit (dB)	34.4	56.4	10.7	9.4
Worst Pair	78	12	78	78
PS ACR-N (dB)	36.0	31.9	50.3	49.9
Freq. (MHz)	2.4	1.8	79.3	84.5
Limit (dB)	50.8	53.4	7.7	6.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	45	45	45
RL (dB)	11.1	10.7	11.9	10.7
Freq. (MHz)	76.3	100.0	98.0	100.0
Limit (dB)	11.2	10.0	10.1	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-3M-4

Date / Time: 10/15/2018 10:33:33 AM

Headroom 20.8 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

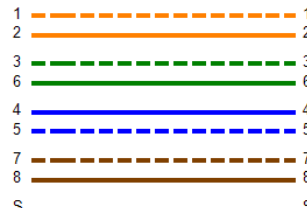
Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	15
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.7
Insertion Loss Margin (dB)	[Pair 12]	23.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



10 ft

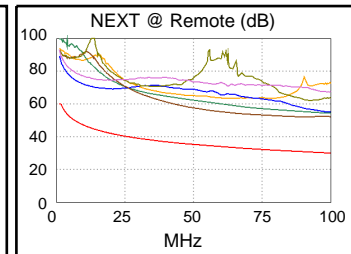
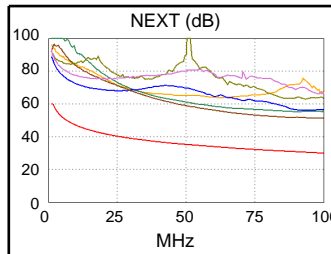


Wire Map (T568B)
PASS

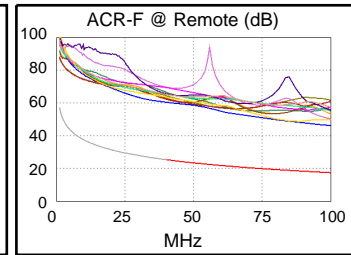
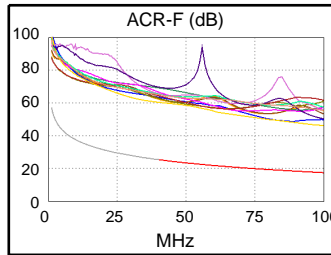


Worst Case Margin Worst Case Value

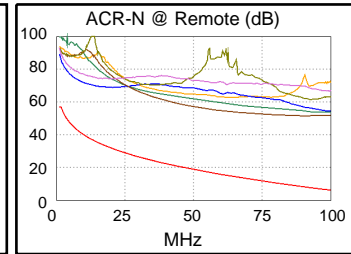
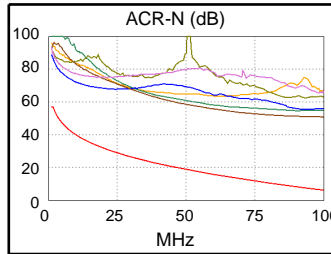
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	20.8	20.8	21.2	21.2
Freq. (MHz)	81.8	74.8	97.3	90.5
Limit (dB)	31.6	32.3	30.3	30.8
Worst Pair	45	45	45	45
PS NEXT (dB)	22.2	22.4	22.7	23.0
Freq. (MHz)	81.8	74.8	98.8	99.5
Limit (dB)	28.6	29.3	27.2	27.1



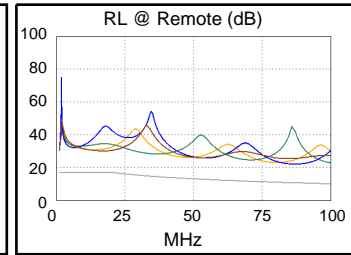
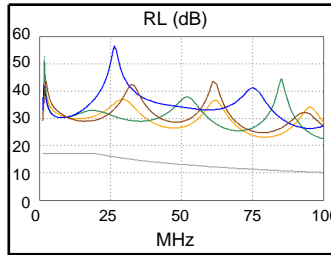
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	28.9	28.9	28.9	28.9
Freq. (MHz)	96.0	96.0	99.5	99.5
Limit (dB)	17.8	17.8	17.4	17.4
Worst Pair	12	78	12	78
PS ACR-F (dB)	30.8	30.1	30.8	30.1
Freq. (MHz)	99.8	99.0	99.8	99.5
Limit (dB)	14.4	14.5	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	29.5	28.2	44.3	43.3
Freq. (MHz)	1.9	1.8	97.3	90.5
Limit (dB)	55.8	56.4	6.6	8.1
Worst Pair	78	78	45	45
PS ACR-N (dB)	29.8	29.1	46.0	46.3
Freq. (MHz)	1.8	1.8	98.8	99.5
Limit (dB)	53.4	53.4	3.3	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	45	36	45
RL (dB)	11.9	11.4	12.5	11.4
Freq. (MHz)	15.3	85.3	100.0	86.5
Limit (dB)	17.0	10.7	10.0	10.6



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-3M-5

Date / Time: 10/15/2018 10:33:49 AM

Headroom 22.6 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

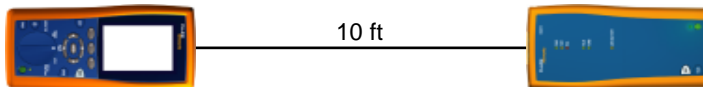
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

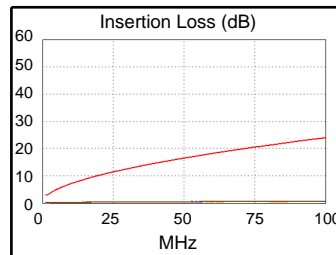
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	15
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.6
Insertion Loss Margin (dB)	[Pair 12]	23.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



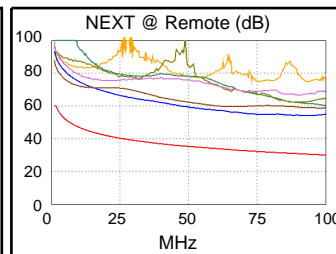
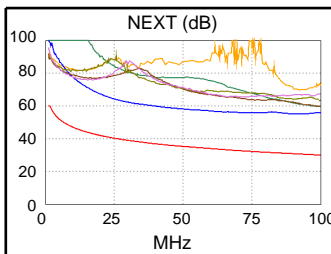
Wire Map (T568B)

PASS

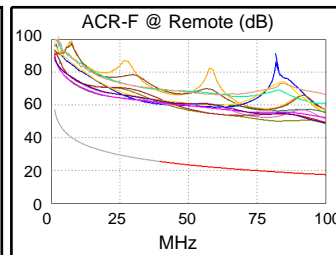
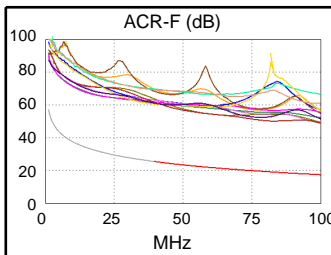


Worst Case Margin Worst Case Value

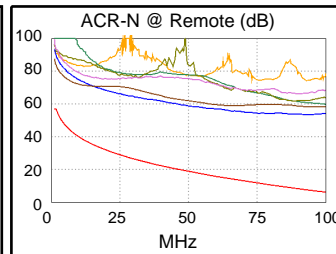
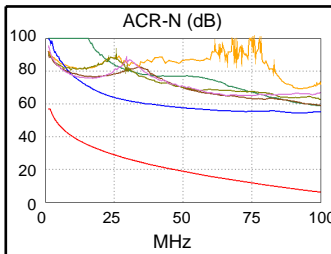
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	22.8	22.6	24.3	23.6
Freq. (MHz)	47.3	73.8	90.3	95.0
Limit (dB)	35.7	32.4	30.8	30.5
Worst Pair	78	78	12	12
PS NEXT (dB)	25.3	25.1	26.3	25.8
Freq. (MHz)	54.8	75.5	92.0	95.0
Limit (dB)	31.6	29.2	27.7	27.5



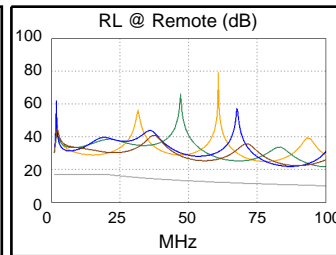
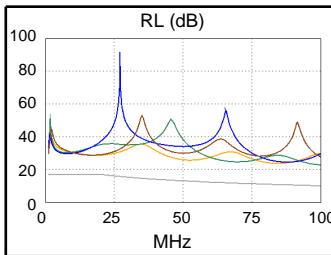
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-78	78-36
ACR-F (dB)	31.1	31.1	31.4	31.4
Freq. (MHz)	79.5	79.5	100.0	100.0
Limit (dB)	19.4	19.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	31.0	31.1	32.2	31.1
Freq. (MHz)	1.0	100.0	100.0	100.0
Limit (dB)	54.4	14.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	31.7	26.9	46.8	46.4
Freq. (MHz)	1.3	2.3	92.5	95.0
Limit (dB)	57.0	54.3	7.7	7.1
Worst Pair	36	36	12	12
PS ACR-N (dB)	31.0	28.8	49.0	48.6
Freq. (MHz)	1.6	1.6	93.5	95.0
Limit (dB)	53.9	53.9	4.4	4.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	45	36	36
RL (dB)	11.7	11.2	12.8	11.6
Freq. (MHz)	17.1	85.5	99.5	99.8
Limit (dB)	17.0	10.7	10.0	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-5M-1

Date / Time: 10/15/2018 10:34:10 AM

Headroom 22.7 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

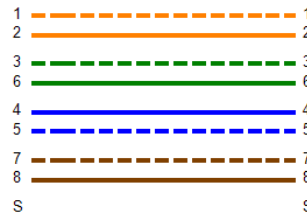
Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 36]	25
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	1.0
Insertion Loss Margin (dB)	[Pair 12]	22.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



16 ft

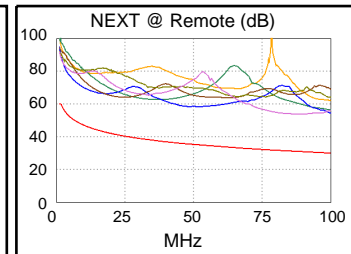
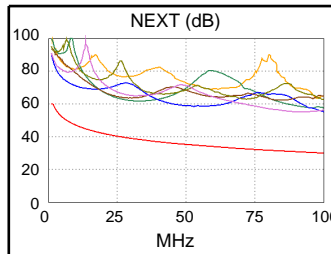


Wire Map (T568B)
PASS

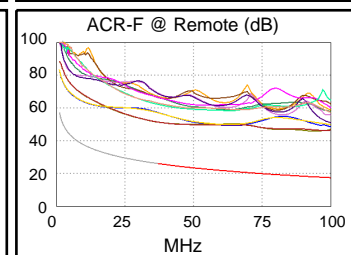
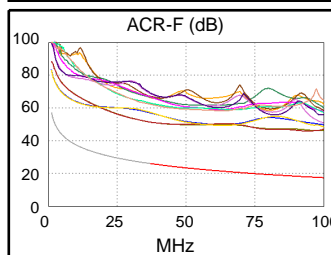


Worst Case Margin Worst Case Value

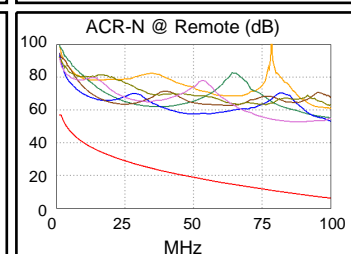
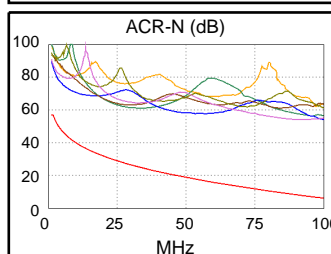
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-78	45-78	45-78
NEXT (dB)	22.9	22.7	24.3	22.8
Freq. (MHz)	29.0	11.9	91.0	87.5
Limit (dB)	39.3	45.8	30.8	31.1
Worst Pair	45	45	78	12
PS NEXT (dB)	22.5	23.6	25.2	24.8
Freq. (MHz)	27.0	24.6	100.0	100.0
Limit (dB)	36.8	37.5	27.1	27.1



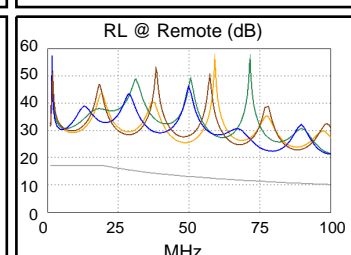
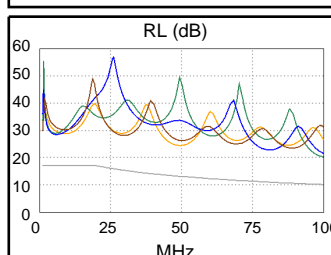
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	25.3	25.3	27.9	27.8
Freq. (MHz)	35.3	36.0	94.3	94.3
Limit (dB)	26.5	26.3	17.9	17.9
Worst Pair	45	45	36	36
PS ACR-F (dB)	27.8	27.9	30.7	30.4
Freq. (MHz)	37.8	36.8	94.8	99.0
Limit (dB)	22.9	23.1	14.9	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	45-78
ACR-N (dB)	28.2	29.4	47.9	44.0
Freq. (MHz)	3.3	7.1	100.0	87.5
Limit (dB)	51.0	43.5	6.1	8.8
Worst Pair	78	78	78	12
PS ACR-N (dB)	29.4	29.8	48.0	47.6
Freq. (MHz)	1.8	1.6	100.0	100.0
Limit (dB)	53.4	53.9	3.1	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	10.3	11.2	10.3	11.2
Freq. (MHz)	99.0	78.5	99.5	99.0
Limit (dB)	10.1	11.1	10.0	10.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-5M-2

Date / Time: 10/15/2018 10:34:34 AM

Headroom 19.5 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

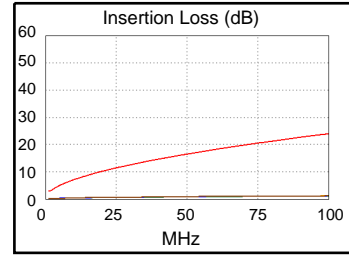
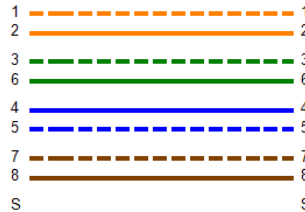
Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 36]	25
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 78]	1.2
Insertion Loss Margin (dB)	[Pair 12]	22.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



16 ft

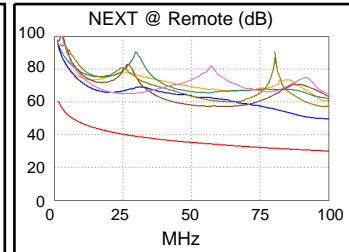
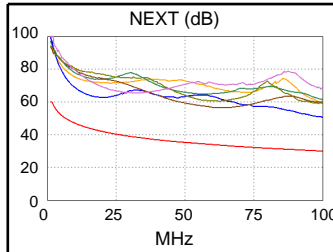


Wire Map (T568B)
PASS

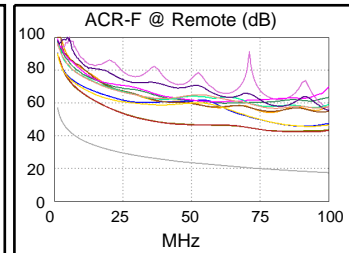
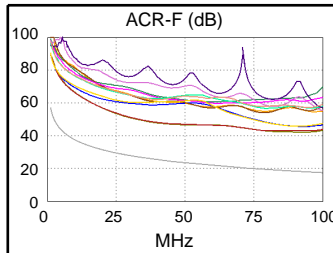


Worst Case Margin Worst Case Value

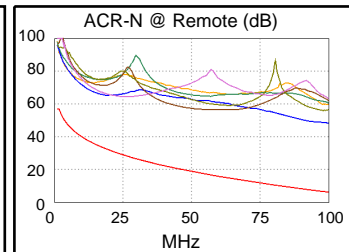
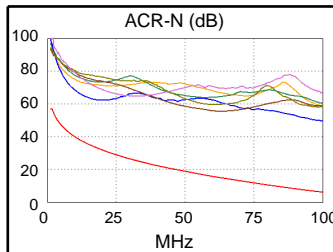
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	20.1	19.5	20.7	19.6
Freq. (MHz)	15.4	97.3	100.0	99.3
Limit (dB)	43.9	30.3	30.1	30.1
Worst Pair	12	78	12	78
PS NEXT (dB)	22.2	21.7	22.8	21.8
Freq. (MHz)	15.6	97.3	100.0	99.3
Limit (dB)	40.8	27.3	27.1	27.1



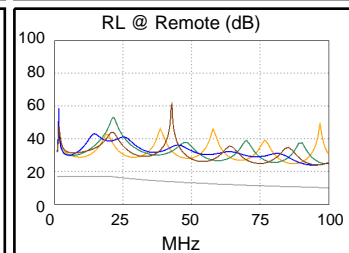
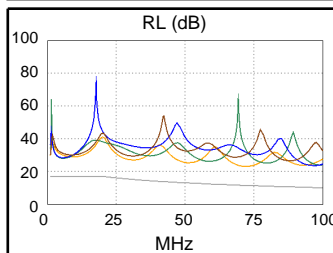
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	22.3	22.4	24.1	23.9
Freq. (MHz)	37.3	37.3	93.3	90.3
Limit (dB)	26.0	26.0	18.0	18.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	25.0	25.1	27.0	26.9
Freq. (MHz)	37.3	37.3	93.3	93.3
Limit (dB)	23.0	23.0	15.0	15.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	28.1	31.3	43.5	42.3
Freq. (MHz)	11.5	12.0	100.0	99.3
Limit (dB)	38.4	37.9	6.1	6.2
Worst Pair	12	78	12	78
PS ACR-N (dB)	29.9	32.0	45.6	44.5
Freq. (MHz)	11.5	13.0	100.0	99.3
Limit (dB)	35.4	34.0	3.1	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	12	12	45
RL (dB)	11.0	11.8	11.6	13.5
Freq. (MHz)	5.3	8.3	71.3	93.8
Limit (dB)	17.0	17.0	11.5	10.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-5M-3

Date / Time: 10/15/2018 10:34:48 AM

Headroom 20.2 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

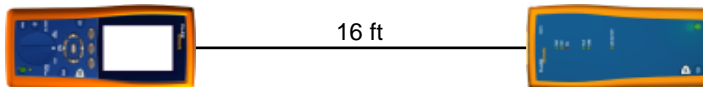
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

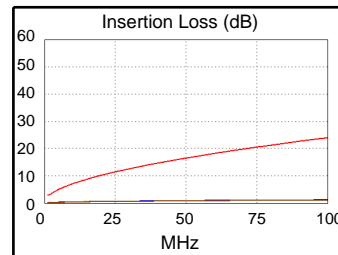
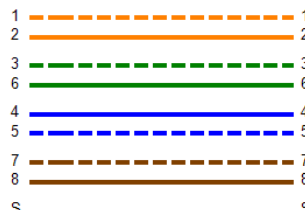
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	16
Prop. Delay (ns), Limit 555	[Pair 36]	25
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.0
Insertion Loss Margin (dB)	[Pair 12]	22.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



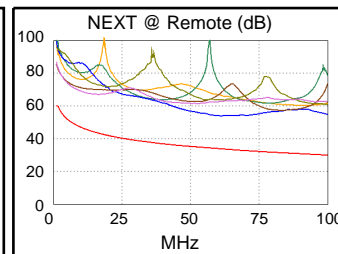
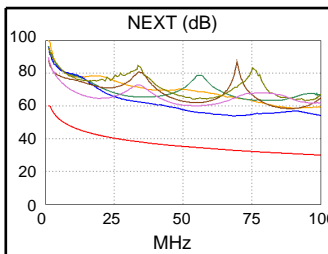
Wire Map (T568B)

PASS

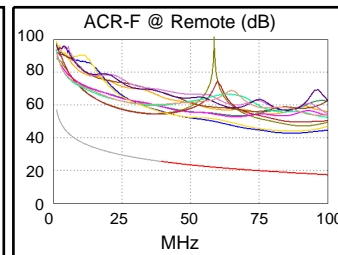
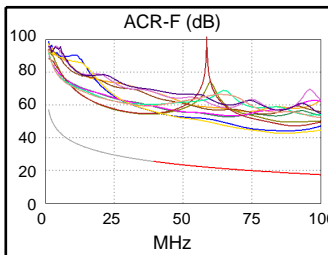


Worst Case Margin Worst Case Value

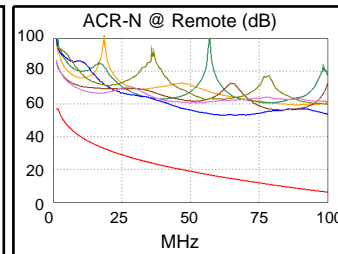
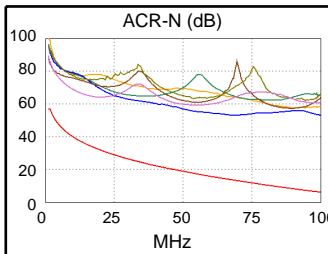
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	21.0	20.2	21.0	20.2
Freq. (MHz)	67.5	60.3	67.5	60.5
Limit (dB)	33.0	33.9	33.0	33.8
Worst Pair	78	45	12	78
PS NEXT (dB)	22.5	22.2	25.8	22.2
Freq. (MHz)	56.3	3.9	100.0	60.3
Limit (dB)	31.4	50.8	27.1	30.9



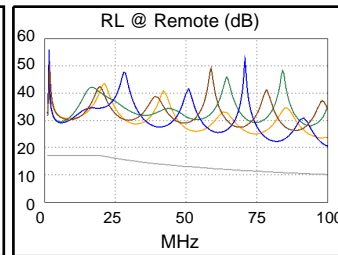
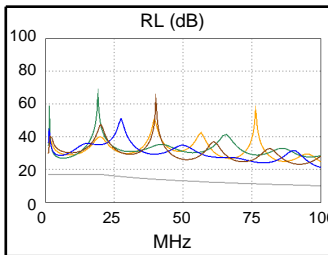
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	23.8	23.9	23.9	24.0
Freq. (MHz)	81.8	81.8	84.8	86.3
Limit (dB)	19.2	19.2	18.8	18.7
Worst Pair	12	78	12	78
PS ACR-F (dB)	26.3	26.4	26.3	26.5
Freq. (MHz)	81.8	83.5	82.5	84.8
Limit (dB)	16.2	16.0	16.1	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	27.3	25.2	39.5	37.6
Freq. (MHz)	1.9	1.6	67.5	60.5
Limit (dB)	55.8	56.9	13.6	15.6
Worst Pair	45	45	12	78
PS ACR-N (dB)	27.6	25.5	48.6	39.7
Freq. (MHz)	1.9	1.8	100.0	60.3
Limit (dB)	52.8	53.4	3.1	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	45	45	45
RL (dB)	9.9	10.5	11.2	10.5
Freq. (MHz)	5.6	100.0	100.0	100.0
Limit (dB)	17.0	10.0	10.0	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-5M-4

Date / Time: 10/15/2018 10:35:04 AM

Headroom 22.3 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

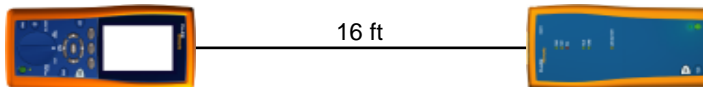
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	16
Prop. Delay (ns), Limit 555	[Pair 36]	25
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	1.0
Insertion Loss Margin (dB)	[Pair 12]	22.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



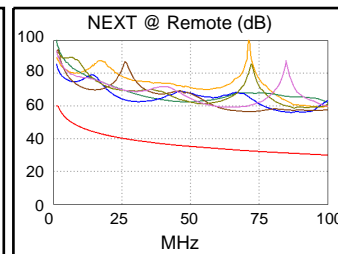
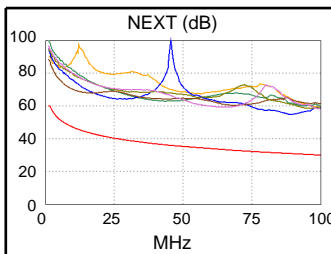
Wire Map (T568B)

PASS

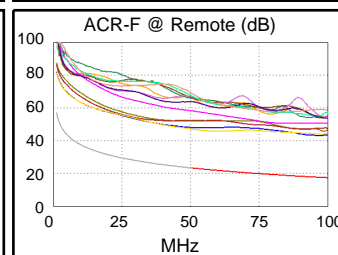
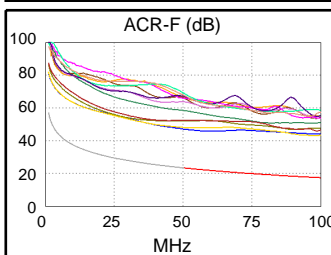


Worst Case Margin Worst Case Value

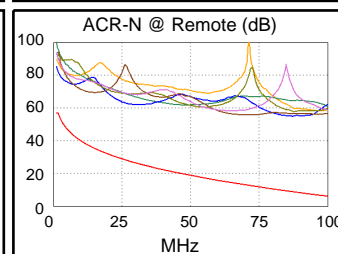
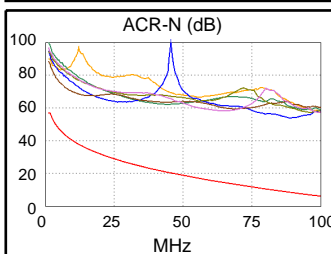
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	12-78	12-78
NEXT (dB)	23.1	22.3	23.9	24.8
Freq. (MHz)	8.5	1.8	88.5	86.5
Limit (dB)	48.2	59.4	31.0	31.2
Worst Pair	78	12	78	36
PS NEXT (dB)	25.2	24.0	25.6	26.4
Freq. (MHz)	24.3	1.8	90.3	95.5
Limit (dB)	37.6	56.4	27.8	27.4



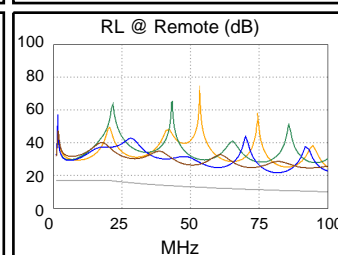
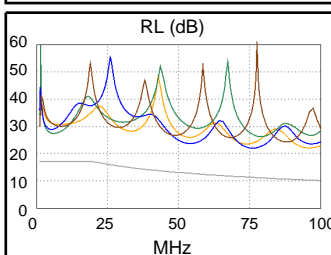
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	78-12	12-78
ACR-F (dB)	23.6	23.6	25.4	25.4
Freq. (MHz)	52.0	52.0	97.5	96.5
Limit (dB)	23.1	23.1	17.6	17.7
Worst Pair	78	12	12	78
PS ACR-F (dB)	26.4	26.1	27.7	27.9
Freq. (MHz)	54.5	56.5	97.5	97.5
Limit (dB)	19.7	19.4	14.6	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	12-78	12-78
ACR-N (dB)	28.7	25.2	45.4	46.0
Freq. (MHz)	5.0	1.8	88.5	86.5
Limit (dB)	47.0	56.4	8.5	9.0
Worst Pair	36	12	78	36
PS ACR-N (dB)	29.7	26.9	47.3	48.8
Freq. (MHz)	1.8	1.8	90.3	95.5
Limit (dB)	53.4	53.4	5.1	4.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	45	12	45
RL (dB)	10.4	10.8	11.8	10.8
Freq. (MHz)	5.5	80.5	95.5	81.0
Limit (dB)	17.0	11.0	10.2	10.9



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-5M-5

Date / Time: 10/15/2018 10:35:24 AM

Headroom 19.0 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

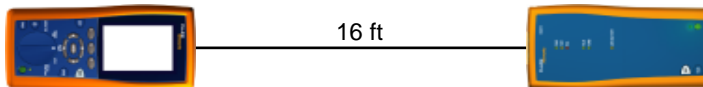
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

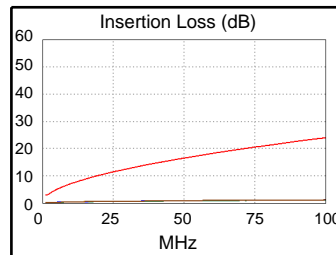
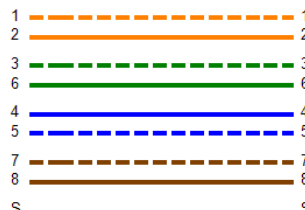
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 36]	25
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	1.0
Insertion Loss Margin (dB)	[Pair 12]	22.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



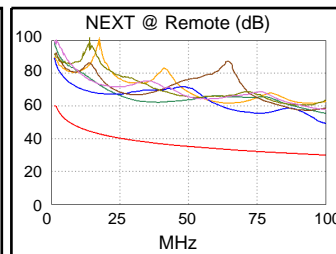
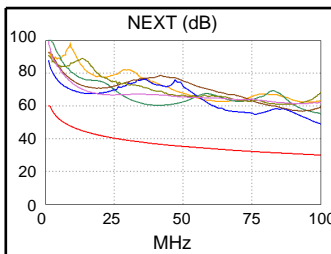
Wire Map (T568B)

PASS

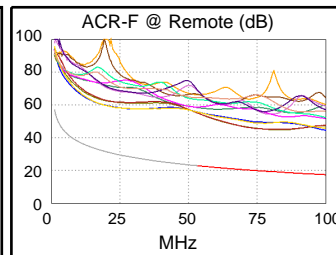
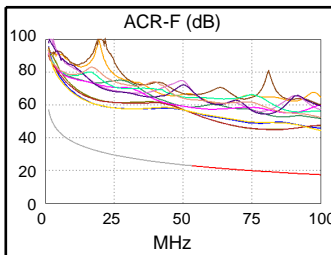


Worst Case Margin Worst Case Value

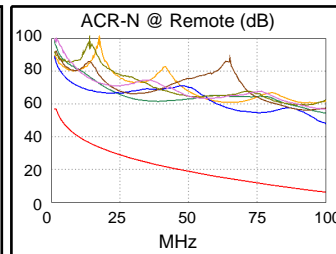
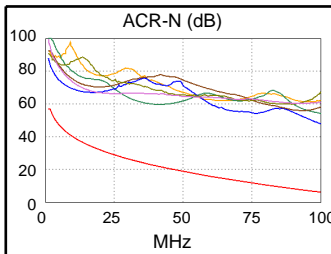
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	19.0	19.2	19.0	19.2
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	30.1	30.1	30.1	30.1
Worst Pair	12	12	12	12
PS NEXT (dB)	21.0	21.2	21.0	21.2
Freq. (MHz)	100.0	99.8	100.0	99.8
Limit (dB)	27.1	27.1	27.1	27.1



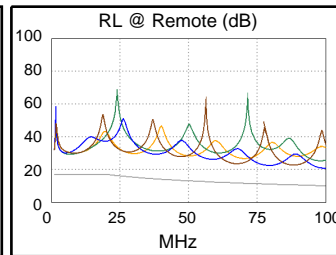
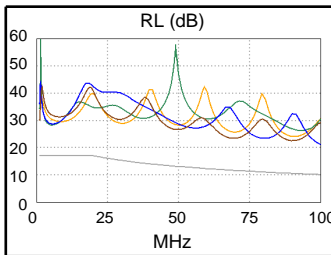
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	78-12	12-78
ACR-F (dB)	25.6	25.6	27.0	27.0
Freq. (MHz)	74.5	76.3	100.0	100.0
Limit (dB)	20.0	19.8	17.4	17.4
Worst Pair	45	36	45	78
PS ACR-F (dB)	28.1	28.2	28.2	29.2
Freq. (MHz)	77.0	74.5	83.8	100.0
Limit (dB)	16.7	17.0	15.9	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	26.7	28.2	41.8	42.0
Freq. (MHz)	1.8	2.1	100.0	100.0
Limit (dB)	56.4	54.8	6.1	6.1
Worst Pair	78	12	12	12
PS ACR-N (dB)	28.4	29.4	43.8	44.0
Freq. (MHz)	1.8	1.6	100.0	99.8
Limit (dB)	53.4	53.9	3.1	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	11.1	10.7	11.1	10.7
Freq. (MHz)	100.0	98.8	100.0	99.8
Limit (dB)	10.0	10.1	10.0	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-7M-1

Date / Time: 10/15/2018 10:37:45 AM

Headroom 14.8 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

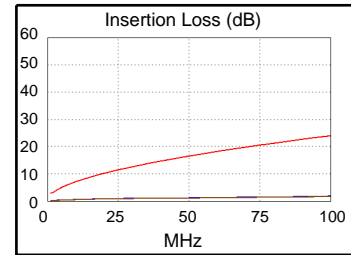
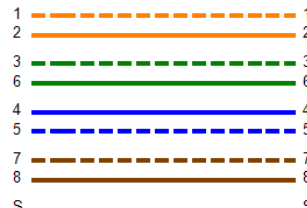
Length (ft), Limit 328	[Pair 12]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 45]	22.2
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



22 ft

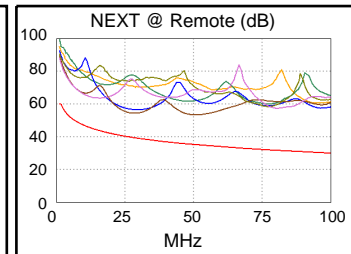
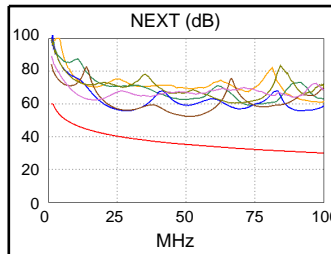


Wire Map (T568B)
PASS

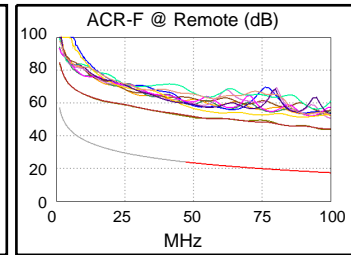
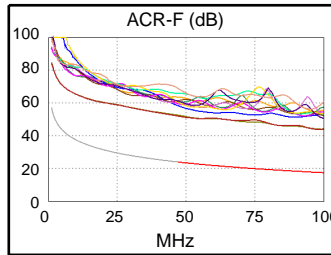


Worst Case Margin Worst Case Value

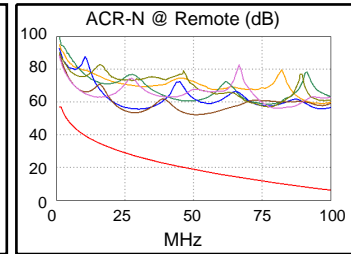
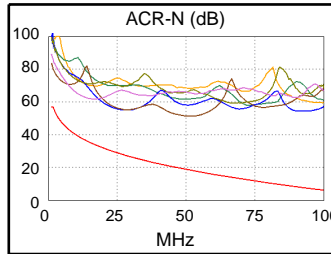
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	16.1	14.8	17.3	18.2
Freq. (MHz)	25.5	26.0	50.3	50.3
Limit (dB)	40.2	40.1	35.2	35.2
Worst Pair	78	36	45	45
PS NEXT (dB)	18.7	17.6	19.8	20.5
Freq. (MHz)	24.6	26.3	50.3	50.3
Limit (dB)	37.5	37.0	32.2	32.2



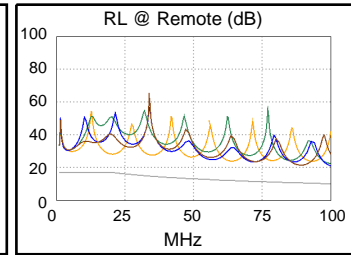
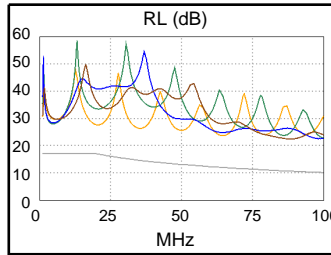
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	26.2	26.1	26.3	26.2
Freq. (MHz)	97.0	97.0	98.5	98.5
Limit (dB)	17.7	17.7	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	28.3	28.5	28.3	28.5
Freq. (MHz)	98.3	99.3	98.5	100.0
Limit (dB)	14.6	14.5	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-78	36-45	36-45
ACR-N (dB)	23.3	25.4	32.7	33.6
Freq. (MHz)	1.6	6.9	50.5	50.5
Limit (dB)	56.9	43.8	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-N (dB)	25.1	25.3	35.2	35.9
Freq. (MHz)	1.8	7.6	50.5	50.5
Limit (dB)	53.4	39.8	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	45
RL (dB)	10.6	10.9	11.8	11.0
Freq. (MHz)	20.0	88.3	87.3	100.0
Limit (dB)	17.0	10.6	10.6	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-7M-2

Date / Time: 10/15/2018 10:38:06 AM

Headroom 18.2 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

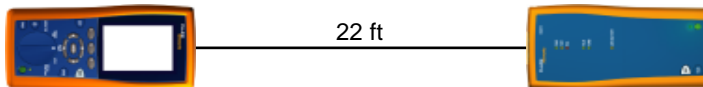
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

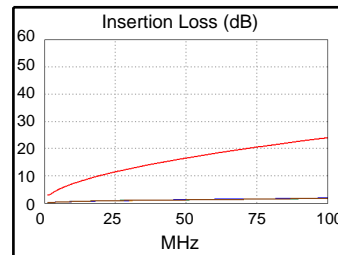
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.3
Insertion Loss Margin (dB)	[Pair 12]	22.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



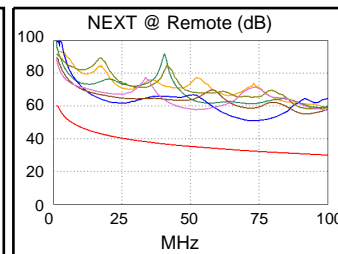
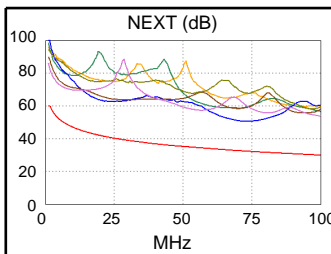
Wire Map (T568B)

PASS

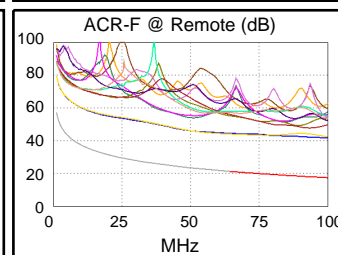
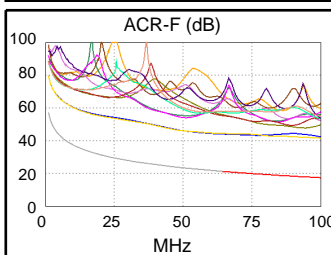


Worst Case Margin Worst Case Value

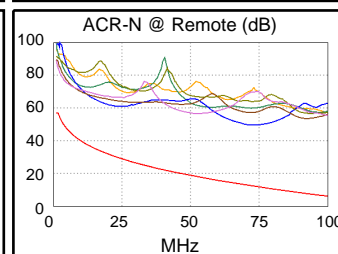
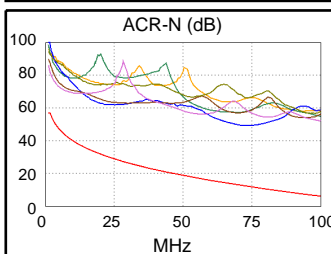
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	18.2	18.5	18.4	18.5
Freq. (MHz)	70.8	70.8	74.3	71.5
Limit (dB)	32.7	32.7	32.3	32.6
Worst Pair	12	12	78	12
PS NEXT (dB)	20.4	21.1	20.7	21.1
Freq. (MHz)	70.8	70.8	74.3	71.5
Limit (dB)	29.7	29.7	29.3	29.6



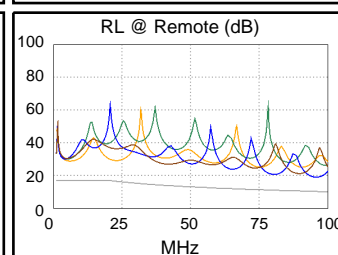
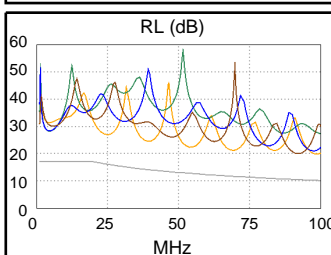
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	22.4	22.4	24.1	24.2
Freq. (MHz)	3.6	4.0	100.0	100.0
Limit (dB)	46.2	45.4	17.4	17.4
Worst Pair	12	78	12	78
PS ACR-F (dB)	24.8	24.5	27.0	26.6
Freq. (MHz)	1.1	1.1	100.0	100.0
Limit (dB)	53.4	53.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-78	12-78
ACR-N (dB)	24.5	27.0	37.4	37.1
Freq. (MHz)	1.9	2.5	74.3	71.5
Limit (dB)	55.8	53.4	11.9	12.6
Worst Pair	45	45	12	12
PS ACR-N (dB)	26.2	27.8	39.4	39.7
Freq. (MHz)	2.0	3.6	73.0	71.5
Limit (dB)	52.3	47.0	9.2	9.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	45	12	45
RL (dB)	9.5	8.7	9.7	8.7
Freq. (MHz)	68.5	95.5	98.0	95.5
Limit (dB)	11.7	10.2	10.1	10.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-7M-3

Date / Time: 10/15/2018 10:38:25 AM

Headroom 20.2 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

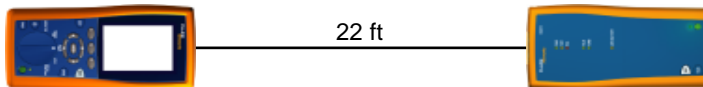
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.3
Insertion Loss Margin (dB)	[Pair 45]	22.2
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



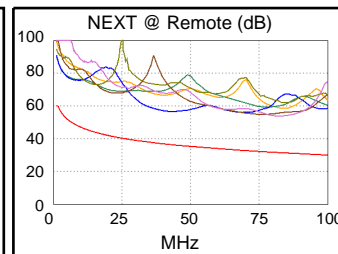
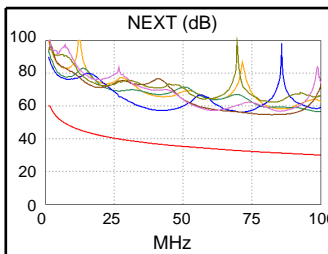
Wire Map (T568B)

PASS

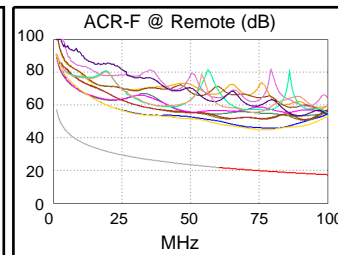
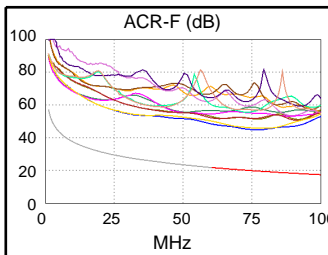


Worst Case Margin Worst Case Value

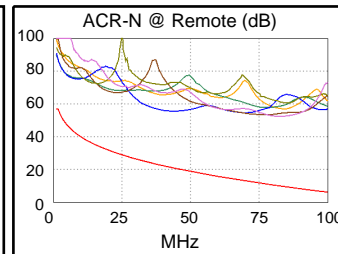
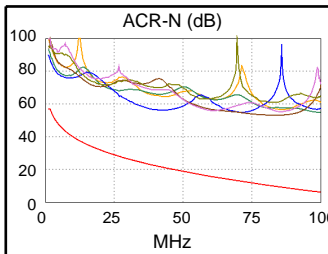
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	45-78
NEXT (dB)	20.6	20.2	23.2	22.2
Freq. (MHz)	39.0	40.0	83.5	81.3
Limit (dB)	37.1	36.9	31.4	31.6
Worst Pair	12	45	45	45
PS NEXT (dB)	22.7	22.2	23.5	22.2
Freq. (MHz)	39.0	78.3	85.3	79.0
Limit (dB)	34.1	28.9	28.3	28.8



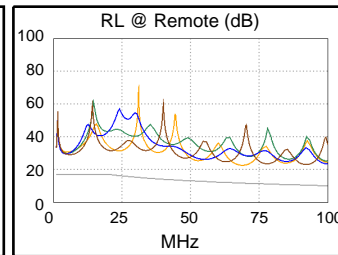
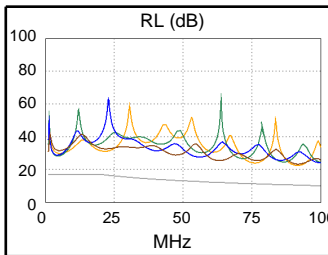
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	25.0	24.9	25.1	25.0
Freq. (MHz)	74.5	74.5	76.8	75.8
Limit (dB)	20.0	20.0	19.7	19.8
Worst Pair	78	12	78	12
PS ACR-F (dB)	27.5	27.8	27.7	27.9
Freq. (MHz)	72.8	74.5	76.8	76.8
Limit (dB)	17.2	17.0	16.7	16.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-45	36-45	45-78
ACR-N (dB)	29.7	29.2	43.4	42.2
Freq. (MHz)	1.8	2.0	83.5	81.3
Limit (dB)	56.4	55.3	9.7	10.2
Worst Pair	12	12	45	45
PS ACR-N (dB)	30.5	29.2	43.9	41.8
Freq. (MHz)	3.3	2.5	85.3	79.0
Limit (dB)	48.0	50.4	6.3	7.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	12	12	12
RL (dB)	11.2	10.8	11.9	10.8
Freq. (MHz)	4.0	68.5	91.5	68.5
Limit (dB)	17.0	11.7	10.4	11.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-7M-4

Date / Time: 10/15/2018 10:38:39 AM

Headroom 20.6 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

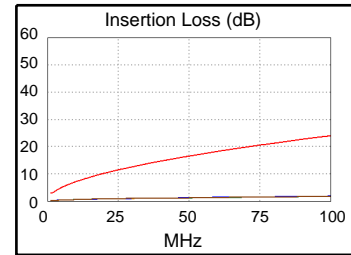
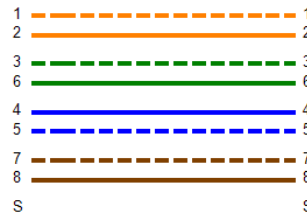
Length (ft), Limit 328	[Pair 12]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 78]	1.4
Insertion Loss Margin (dB)	[Pair 12]	22.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



22 ft

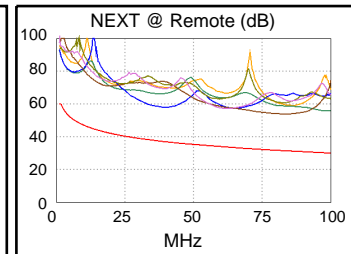
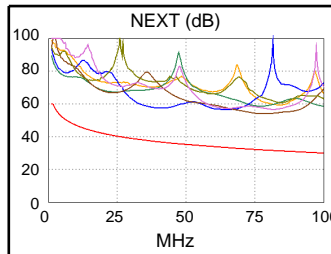


Wire Map (T568B)
PASS

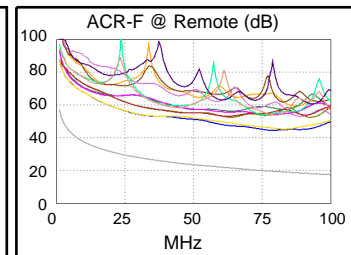
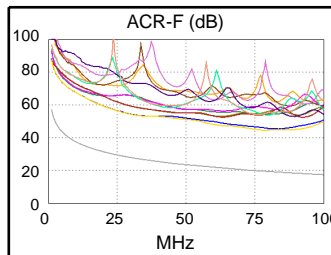


Worst Case Margin Worst Case Value

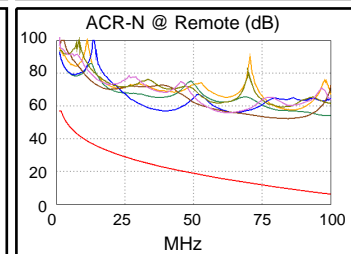
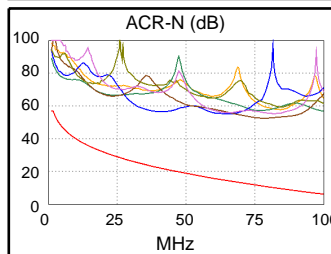
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	20.6	20.9	22.1	22.3
Freq. (MHz)	38.0	37.5	77.8	82.0
Limit (dB)	37.3	37.4	32.0	31.6
Worst Pair	45	12	45	36
PS NEXT (dB)	22.6	23.0	22.6	23.7
Freq. (MHz)	75.8	37.5	78.5	82.8
Limit (dB)	29.2	34.4	28.9	28.5



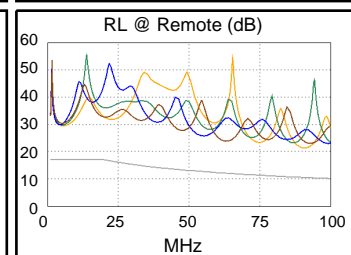
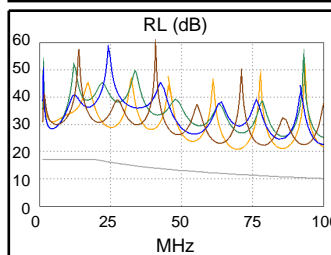
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	25.0	25.0	25.0	25.0
Freq. (MHz)	76.3	76.8	77.3	77.5
Limit (dB)	19.8	19.7	19.6	19.6
Worst Pair	12	78	12	78
PS ACR-F (dB)	27.8	27.4	27.8	27.4
Freq. (MHz)	76.3	76.3	77.3	76.8
Limit (dB)	16.8	16.8	16.6	16.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	36-45
ACR-N (dB)	28.4	31.2	41.6	42.9
Freq. (MHz)	1.8	2.1	77.8	84.5
Limit (dB)	56.4	54.8	11.0	9.4
Worst Pair	12	12	45	45
PS ACR-N (dB)	29.6	30.9	42.2	44.2
Freq. (MHz)	1.8	2.3	78.5	84.5
Limit (dB)	53.4	51.3	7.8	6.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	9.2	10.8	9.2	10.8
Freq. (MHz)	69.0	90.0	69.0	90.5
Limit (dB)	11.6	10.5	11.6	10.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-7M-5

Date / Time: 10/15/2018 10:39:05 AM

Headroom 15.3 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

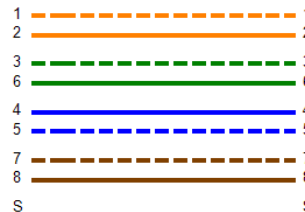
Length (ft), Limit 328	[Pair 12]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 45]	22.2
Frequency (MHz)	[Pair 45]	99.8
Limit (dB)	[Pair 45]	24.0



22 ft

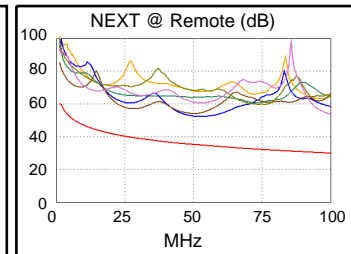
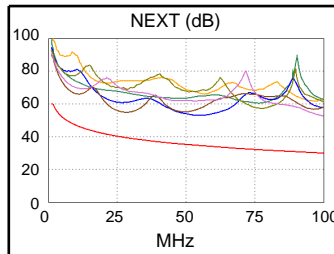


Wire Map (T568B)
PASS

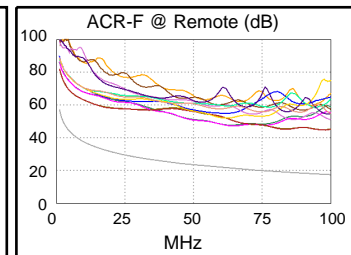
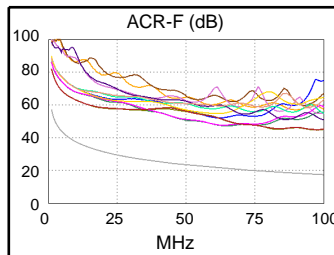


Worst Case Margin Worst Case Value

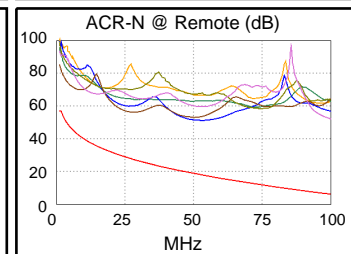
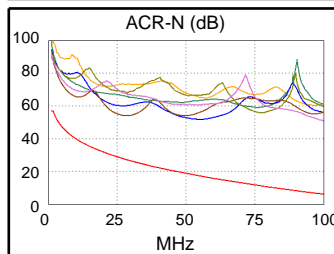
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	45-78	12-78
NEXT (dB)	15.3	17.3	22.7	17.3
Freq. (MHz)	26.4	50.5	99.5	51.3
Limit (dB)	40.0	35.2	30.1	35.1
Worst Pair	45	45	78	78
PS NEXT (dB)	17.8	19.4	24.1	19.6
Freq. (MHz)	26.4	25.6	100.0	51.3
Limit (dB)	37.0	37.2	27.1	32.1



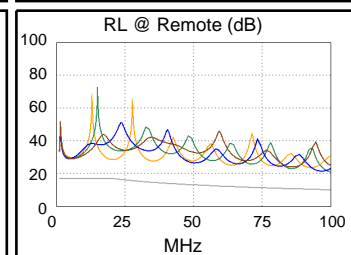
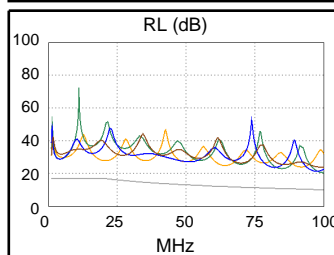
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	24.9	24.9	27.0	27.1
Freq. (MHz)	4.4	4.3	97.0	98.0
Limit (dB)	44.6	44.8	17.7	17.6
Worst Pair	45	45	45	36
PS ACR-F (dB)	25.9	25.7	27.5	29.5
Freq. (MHz)	1.0	1.0	80.3	97.0
Limit (dB)	54.4	54.4	16.3	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-78	12-78
ACR-N (dB)	25.1	24.7	45.0	33.3
Freq. (MHz)	6.9	2.3	99.5	52.8
Limit (dB)	43.8	54.3	6.2	17.9
Worst Pair	45	45	45	78
PS ACR-N (dB)	26.1	26.9	46.3	35.6
Freq. (MHz)	6.4	1.8	99.5	52.8
Limit (dB)	41.6	53.4	3.2	14.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	10.5	11.1	10.5	11.1
Freq. (MHz)	99.0	99.8	99.5	99.8
Limit (dB)	10.1	10.0	10.0	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-10M-1

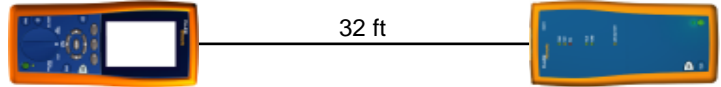
Date / Time: 10/15/2018 10:39:27 AM
Headroom 17.6 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

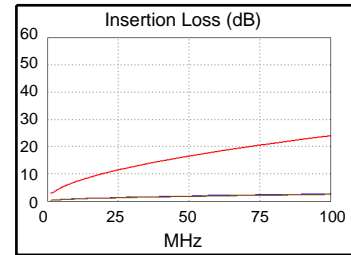
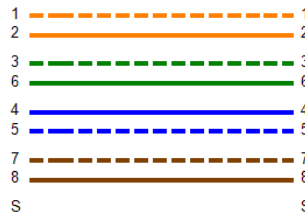
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	32
Prop. Delay (ns), Limit 555	[Pair 36]	49
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.8
Insertion Loss Margin (dB)	[Pair 45]	21.3
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

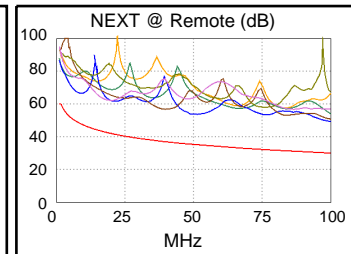
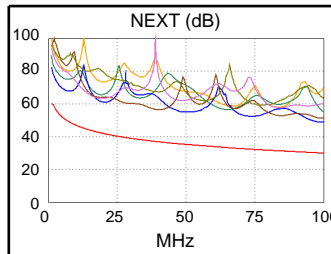


Wire Map (T568B)
PASS

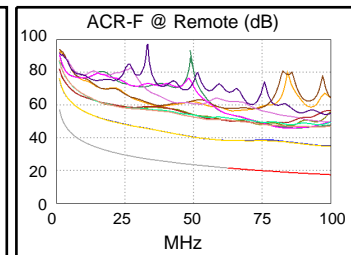
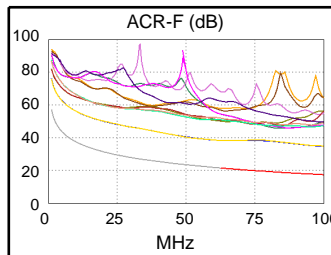


Worst Case Margin Worst Case Value

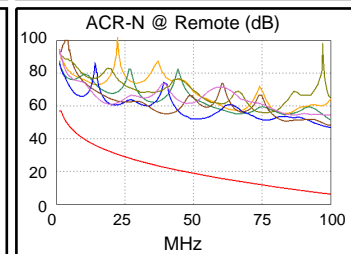
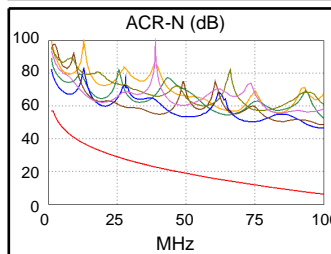
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	17.6	18.1	18.8	19.2
Freq. (MHz)	4.3	7.0	99.3	100.0
Limit (dB)	53.1	49.6	30.1	30.1
Worst Pair	12	78	12	12
PS NEXT (dB)	19.5	19.9	20.8	20.8
Freq. (MHz)	4.3	20.0	100.0	100.0
Limit (dB)	50.1	39.0	27.1	27.1



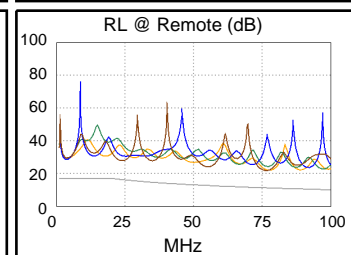
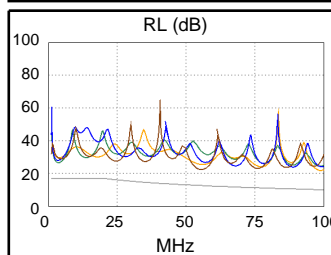
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	78-12
ACR-F (dB)	16.6	16.6	17.5	17.3
Freq. (MHz)	56.5	56.5	99.5	99.5
Limit (dB)	22.4	22.4	17.4	17.4
Worst Pair	78	78	78	78
PS ACR-F (dB)	19.3	19.4	20.0	20.2
Freq. (MHz)	56.5	55.8	97.0	99.3
Limit (dB)	19.4	19.5	14.7	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	21.0	23.5	40.3	40.8
Freq. (MHz)	2.1	6.4	99.3	100.0
Limit (dB)	54.8	44.6	6.2	6.1
Worst Pair	12	12	12	12
PS ACR-N (dB)	22.9	25.5	42.2	42.2
Freq. (MHz)	2.1	1.8	100.0	100.0
Limit (dB)	51.8	53.4	3.1	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	78	12	78
RL (dB)	9.6	10.5	11.7	10.5
Freq. (MHz)	3.3	76.3	98.8	76.3
Limit (dB)	17.0	11.2	10.1	11.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-10M-2

Date / Time: 10/15/2018 10:39:54 AM

Headroom 17.8 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

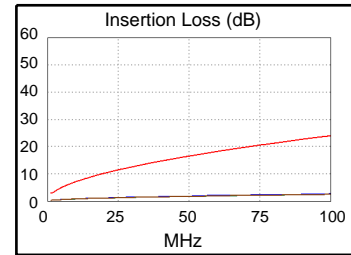
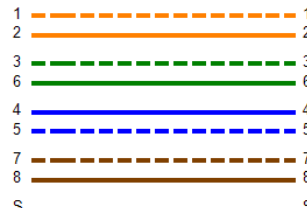
Length (ft), Limit 328	[Pair 78]	32
Prop. Delay (ns), Limit 555	[Pair 36]	49
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.8
Insertion Loss Margin (dB)	[Pair 45]	21.3
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



32 ft

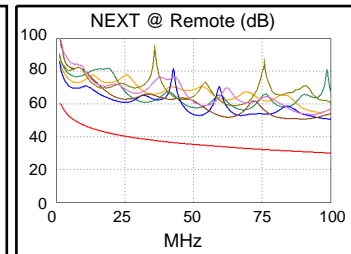
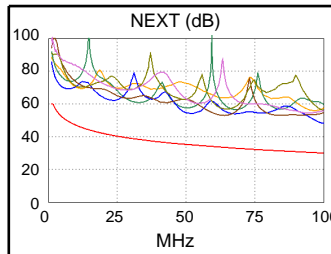


Wire Map (T568B)
PASS

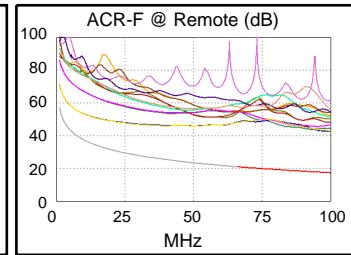
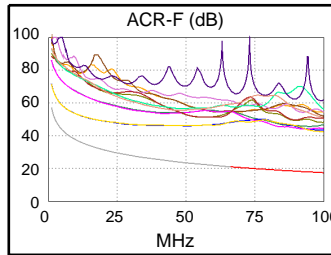


Worst Case Margin Worst Case Value

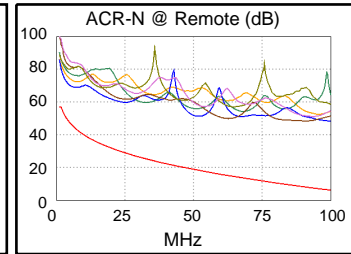
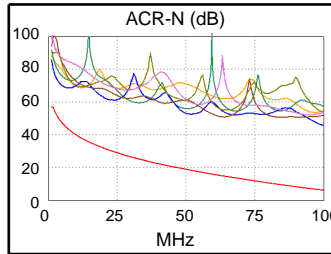
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	18.1	17.8	18.1	20.6
Freq. (MHz)	100.0	51.3	100.0	99.8
Limit (dB)	30.1	35.1	30.1	30.1
Worst Pair	12	12	78	45
PS NEXT (dB)	19.9	19.3	19.9	21.2
Freq. (MHz)	3.9	3.8	100.0	90.5
Limit (dB)	50.8	51.0	27.1	27.8



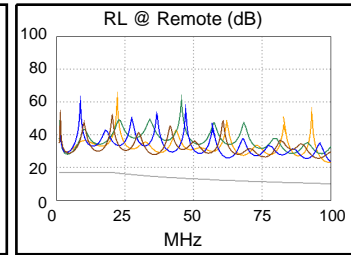
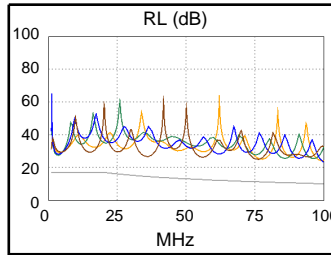
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	14.4	14.5	25.1	25.2
Freq. (MHz)	1.5	1.5	98.5	97.8
Limit (dB)	53.9	53.9	17.5	17.6
Worst Pair	12	12	12	12
PS ACR-F (dB)	17.2	17.2	25.7	26.7
Freq. (MHz)	1.0	1.0	99.8	96.3
Limit (dB)	54.4	54.4	14.4	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	22.1	22.1	39.7	42.2
Freq. (MHz)	2.5	2.9	100.0	99.8
Limit (dB)	53.4	52.1	6.1	6.1
Worst Pair	12	12	78	45
PS ACR-N (dB)	23.8	23.0	41.5	41.4
Freq. (MHz)	2.5	3.0	100.0	90.5
Limit (dB)	50.4	48.7	3.1	5.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	12
RL (dB)	10.4	11.1	13.2	13.1
Freq. (MHz)	3.1	3.8	100.0	99.0
Limit (dB)	17.0	17.0	10.0	10.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-10M-3

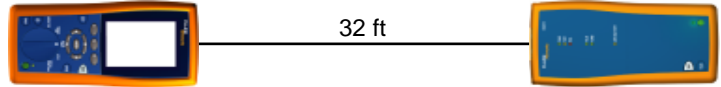
Date / Time: 10/15/2018 10:40:12 AM
Headroom 15.0 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

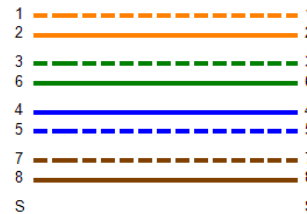
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	32
Prop. Delay (ns), Limit 555	[Pair 36]	49
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.8
Insertion Loss Margin (dB)	[Pair 12]	21.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

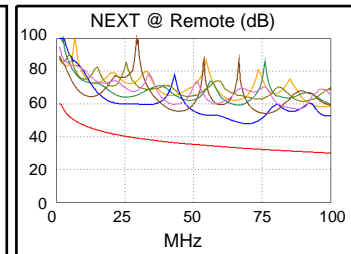
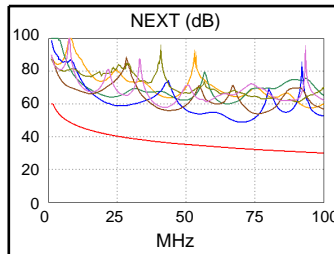


Wire Map (T568B)
PASS

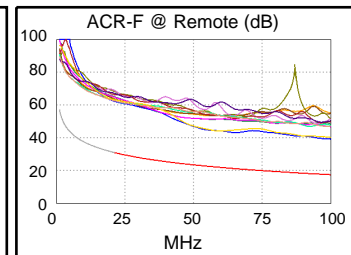
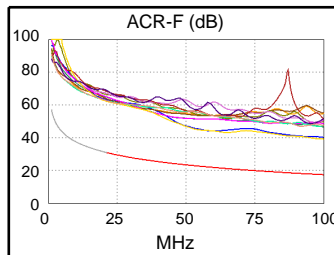


Worst Case Margin Worst Case Value

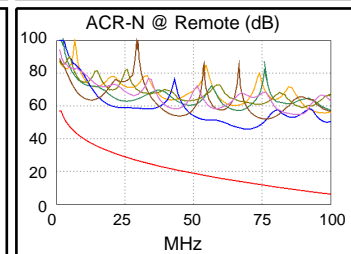
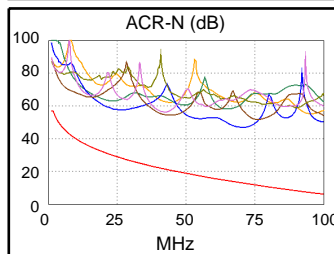
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	16.2	15.0	16.2	15.0
Freq. (MHz)	68.8	68.5	70.3	68.5
Limit (dB)	32.9	32.9	32.7	32.9
Worst Pair	12	12	12	12
PS NEXT (dB)	18.9	17.7	18.9	17.7
Freq. (MHz)	68.8	67.8	69.3	68.3
Limit (dB)	29.9	30.0	29.8	29.9



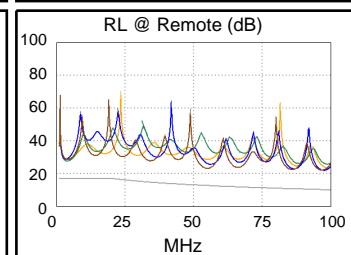
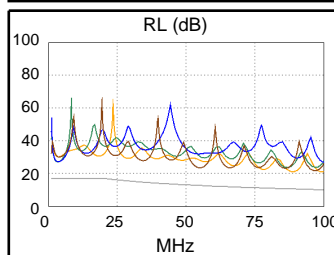
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	21.6	21.7	21.6	21.7
Freq. (MHz)	100.0	97.8	100.0	100.0
Limit (dB)	17.4	17.6	17.4	17.4
Worst Pair	12	78	12	78
PS ACR-F (dB)	23.8	23.8	24.0	23.8
Freq. (MHz)	53.8	100.0	100.0	100.0
Limit (dB)	19.8	14.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	26.0	24.9	34.0	32.5
Freq. (MHz)	5.1	8.9	70.3	68.5
Limit (dB)	46.7	41.2	12.9	13.4
Worst Pair	36	45	12	12
PS ACR-N (dB)	27.2	27.2	36.6	35.2
Freq. (MHz)	1.8	8.9	70.0	68.3
Limit (dB)	53.4	38.2	10.0	10.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	12	45
RL (dB)	10.0	10.5	10.4	11.7
Freq. (MHz)	3.1	3.8	88.3	97.0
Limit (dB)	17.0	17.0	10.6	10.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-10M-4

Date / Time: 10/15/2018 10:40:29 AM

Headroom 16.6 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

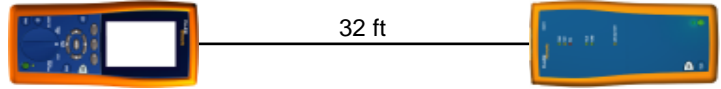
Main S/N: 1019229

Remote S/N: 1019230

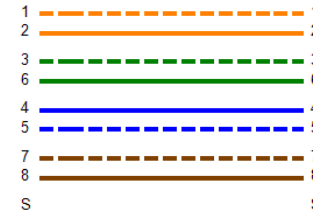
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	32
Prop. Delay (ns), Limit 555	[Pair 36]	49
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 78]	1.9
Insertion Loss Margin (dB)	[Pair 12]	21.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

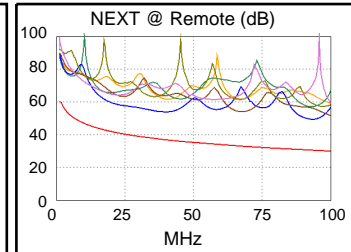
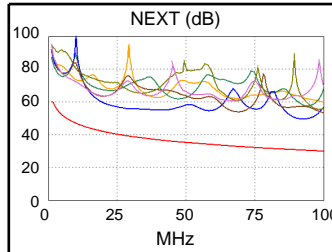


Wire Map (T568B)
PASS

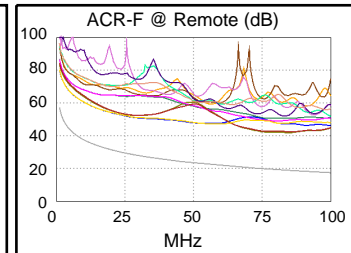
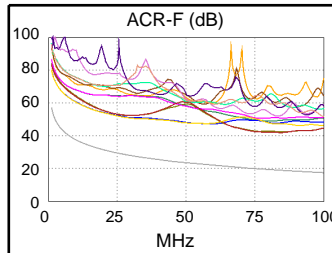


Worst Case Margin Worst Case Value

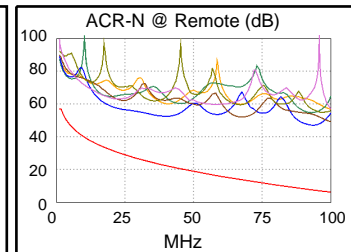
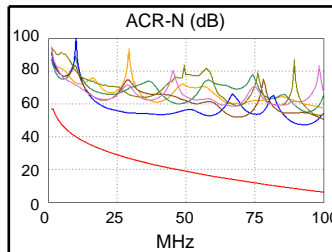
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	16.6	16.8	19.0	18.8
Freq. (MHz)	25.6	36.5	92.3	93.0
Limit (dB)	40.2	37.6	30.7	30.6
Worst Pair	78	78	12	12
PS NEXT (dB)	18.8	19.0	21.2	21.0
Freq. (MHz)	20.9	22.4	92.3	93.0
Limit (dB)	38.7	38.2	27.7	27.6



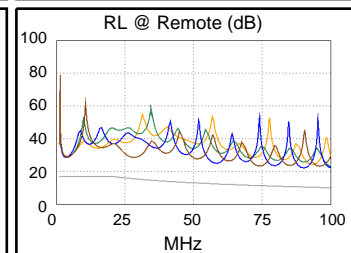
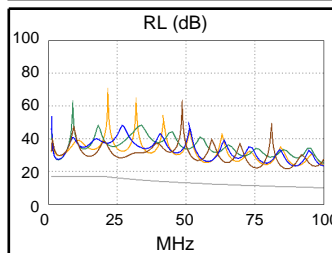
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	36-45	45-36	36-45
ACR-F (dB)	22.5	22.5	23.0	22.9
Freq. (MHz)	26.8	74.5	84.0	84.0
Limit (dB)	28.9	20.0	18.9	18.9
Worst Pair	12	12	45	45
PS ACR-F (dB)	24.8	24.9	25.6	25.5
Freq. (MHz)	1.3	2.1	84.3	84.8
Limit (dB)	52.5	47.9	15.9	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-78
ACR-N (dB)	25.7	26.2	39.7	39.5
Freq. (MHz)	1.9	2.3	92.8	93.0
Limit (dB)	55.8	54.3	7.6	7.5
Worst Pair	12	12	12	12
PS ACR-N (dB)	25.9	25.4	41.7	41.6
Freq. (MHz)	1.8	1.9	92.3	93.0
Limit (dB)	53.4	52.8	4.7	4.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	45
RL (dB)	10.1	11.5	10.9	11.6
Freq. (MHz)	3.3	3.6	86.3	90.0
Limit (dB)	17.0	17.0	10.7	10.5



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-10M-5

Date / Time: 10/15/2018 10:40:45 AM

Headroom 16.5 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

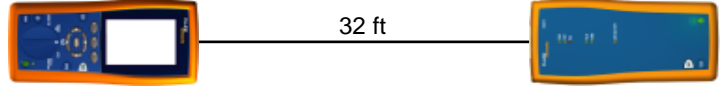
Main S/N: 1019229

Remote S/N: 1019230

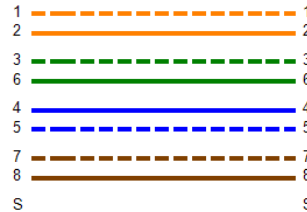
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	32
Prop. Delay (ns), Limit 555	[Pair 36]	49
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	1.9
Insertion Loss Margin (dB)	[Pair 12]	21.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

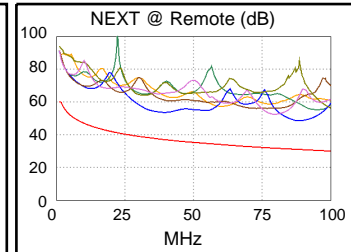
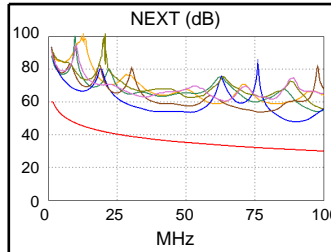


Wire Map (T568B)
PASS

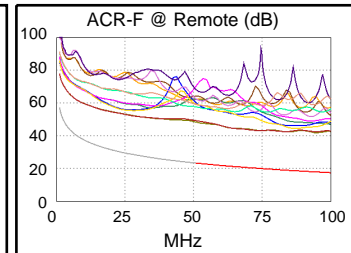
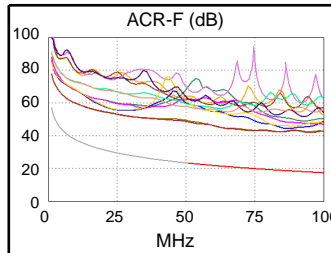


Worst Case Margin Worst Case Value

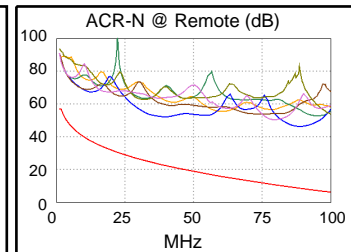
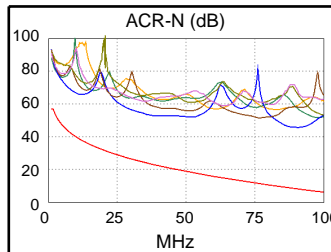
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	17.0	16.5	17.2	17.6
Freq. (MHz)	38.0	36.0	90.8	88.0
Limit (dB)	37.3	37.7	30.8	31.0
Worst Pair	12	12	12	12
PS NEXT (dB)	19.3	19.0	19.7	20.1
Freq. (MHz)	38.0	37.0	90.8	88.3
Limit (dB)	34.3	34.5	27.8	28.0



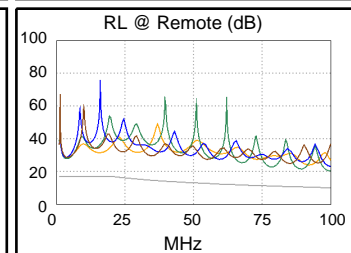
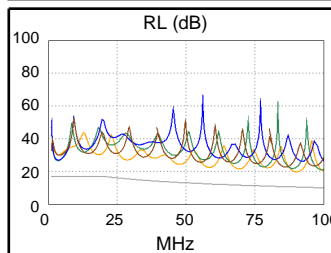
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	21.5	21.4	24.1	24.0
Freq. (MHz)	3.1	3.3	95.0	95.0
Limit (dB)	47.5	47.2	17.8	17.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	23.1	23.1	26.4	25.9
Freq. (MHz)	1.4	1.0	93.8	95.0
Limit (dB)	51.6	54.4	15.0	14.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-78
ACR-N (dB)	26.5	27.8	37.7	37.7
Freq. (MHz)	7.9	5.1	90.8	88.0
Limit (dB)	42.4	46.7	8.0	8.6
Worst Pair	45	45	12	12
PS ACR-N (dB)	26.6	26.5	40.0	40.2
Freq. (MHz)	2.5	3.1	90.8	88.8
Limit (dB)	50.4	48.4	5.0	5.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	36
RL (dB)	9.2	10.5	9.2	10.5
Freq. (MHz)	89.8	99.0	89.8	99.3
Limit (dB)	10.5	10.1	10.5	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-20M-1

Date / Time: 10/15/2018 10:41:24 AM

Headroom 13.2 dB (NEXT 12-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

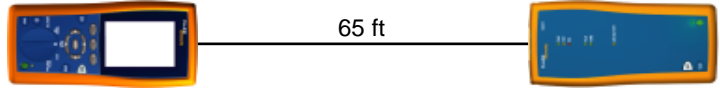
Main S/N: 1019229

Remote S/N: 1019230

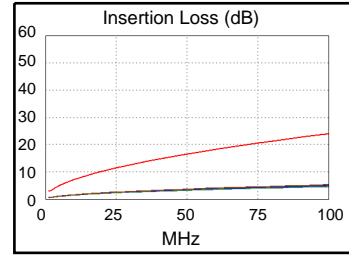
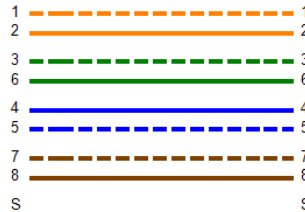
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	65
Prop. Delay (ns), Limit 555	[Pair 36]	99
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 12]	3.5
Insertion Loss Margin (dB)	[Pair 78]	18.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

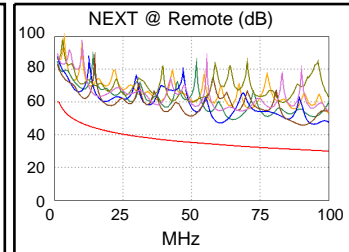
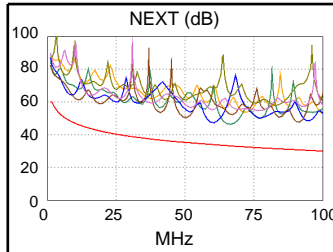


Wire Map (T568B)
PASS

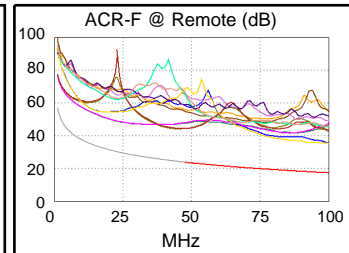
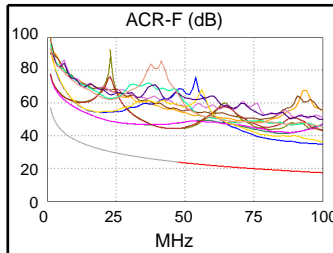


Worst Case Margin Worst Case Value

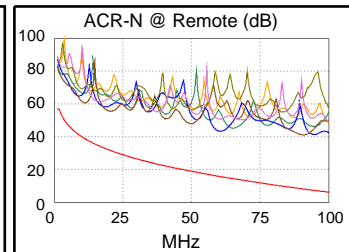
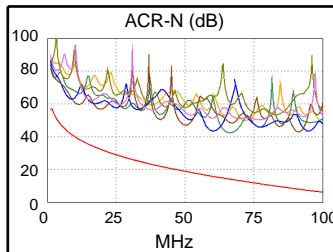
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-78	12-45	36-45
NEXT (dB)	13.2	13.3	13.2	15.0
Freq. (MHz)	66.0	60.0	66.0	90.5
Limit (dB)	33.2	33.9	33.2	30.8
Worst Pair	45	78	45	12
PS NEXT (dB)	15.1	15.6	15.1	17.5
Freq. (MHz)	66.0	60.0	66.5	94.0
Limit (dB)	30.2	30.9	30.1	27.5



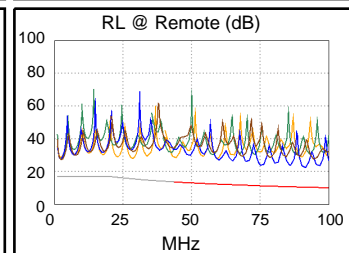
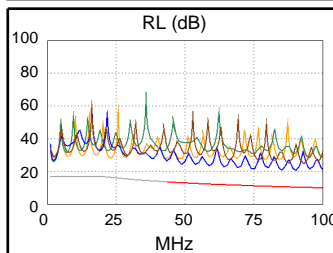
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	17.3	17.8	17.3	17.8
Freq. (MHz)	92.3	92.3	98.0	98.0
Limit (dB)	18.1	18.1	17.6	17.6
Worst Pair	78	12	78	12
PS ACR-F (dB)	19.9	19.6	19.9	20.0
Freq. (MHz)	92.3	85.5	98.0	98.0
Limit (dB)	15.1	15.8	14.6	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	36-45
ACR-N (dB)	20.7	21.4	28.4	33.0
Freq. (MHz)	10.5	10.1	66.0	90.5
Limit (dB)	39.4	39.8	14.0	8.1
Worst Pair	45	45	45	45
PS ACR-N (dB)	21.5	22.2	30.3	35.4
Freq. (MHz)	1.8	1.8	66.5	91.0
Limit (dB)	53.4	53.4	10.9	5.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	9.9	11.8	10.2	11.8
Freq. (MHz)	74.5	91.3	90.3	91.3
Limit (dB)	11.3	10.4	10.5	10.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-20M-2

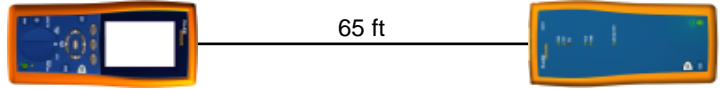
Date / Time: 10/15/2018 10:41:51 AM
Headroom 10.6 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

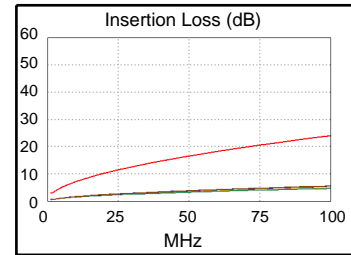
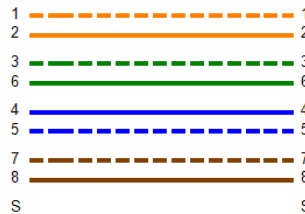
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	65
Prop. Delay (ns), Limit 555	[Pair 36]	99
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 78]	3.6
Insertion Loss Margin (dB)	[Pair 78]	18.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

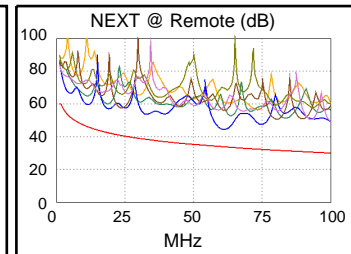
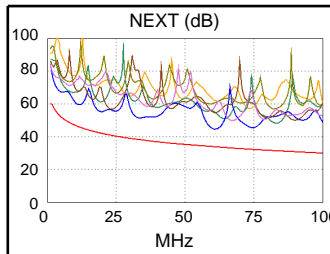


Wire Map (T568B)
PASS

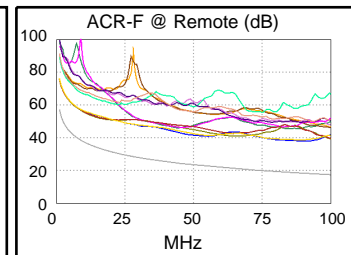
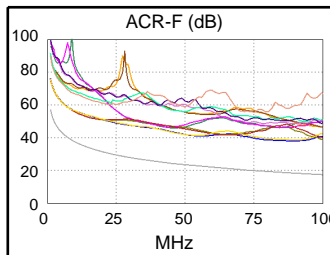


Worst Case Margin Worst Case Value

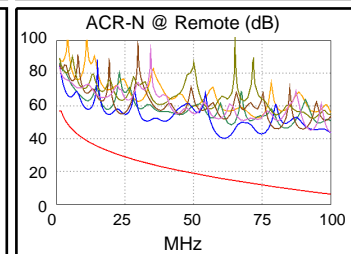
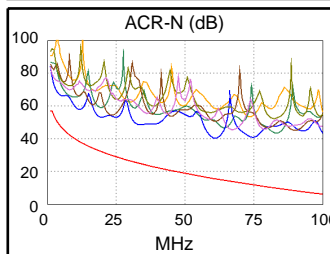
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	10.7	10.6	10.7	10.6
Freq. (MHz)	60.3	61.0	60.8	61.0
Limit (dB)	33.9	33.8	33.8	33.8
Worst Pair	12	12	12	12
PS NEXT (dB)	13.2	13.3	13.2	13.3
Freq. (MHz)	60.8	61.0	60.8	61.0
Limit (dB)	30.8	30.8	30.8	30.8



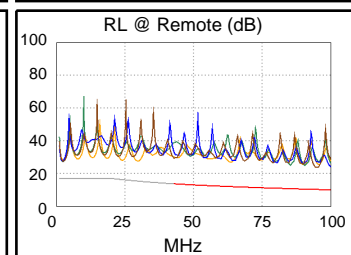
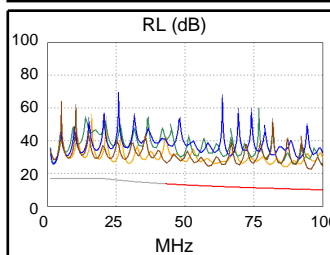
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	18.2	18.1	19.5	19.5
Freq. (MHz)	52.8	48.0	89.5	89.5
Limit (dB)	23.0	23.8	18.4	18.4
Worst Pair	12	12	78	12
PS ACR-F (dB)	20.1	20.1	21.9	21.8
Freq. (MHz)	46.5	46.3	89.5	89.5
Limit (dB)	21.1	21.1	15.4	15.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	18.2	17.5	24.8	24.8
Freq. (MHz)	3.0	3.8	60.8	61.0
Limit (dB)	51.7	49.7	15.5	15.4
Worst Pair	78	78	78	78
PS ACR-N (dB)	20.1	19.8	27.5	27.6
Freq. (MHz)	3.0	3.6	60.8	61.0
Limit (dB)	48.7	47.0	12.5	12.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	12.0	13.2	12.2	13.2
Freq. (MHz)	58.5	94.8	95.0	94.8
Limit (dB)	12.3	10.2	10.2	10.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-20M-3

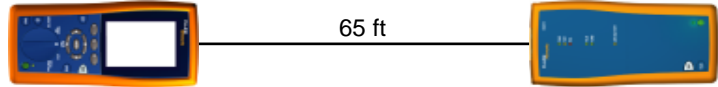
Date / Time: 10/15/2018 10:42:25 AM
Headroom 12.3 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

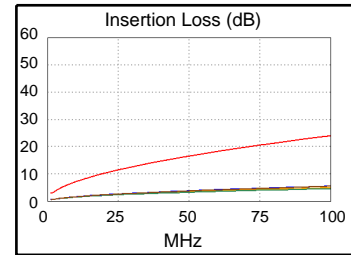
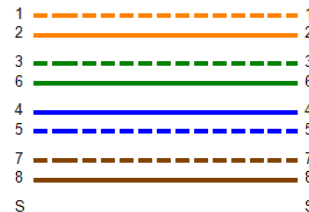
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	65
Prop. Delay (ns), Limit 555	[Pair 36]	99
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	3.6
Insertion Loss Margin (dB)	[Pair 45]	18.6
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

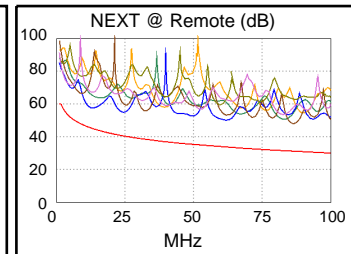
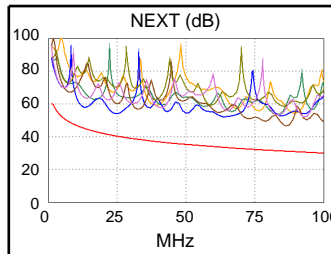


Wire Map (T568B)
PASS

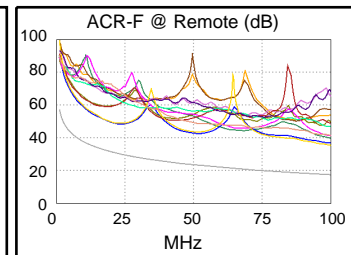
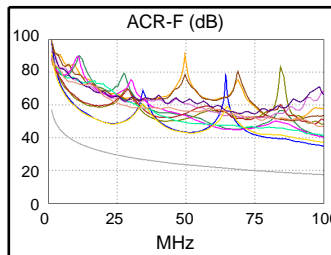


Worst Case Margin Worst Case Value

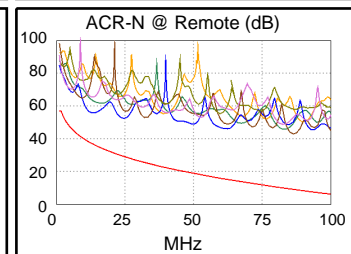
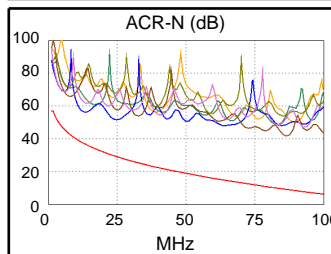
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	12.9	12.3	15.5	16.7
Freq. (MHz)	12.4	12.4	86.3	86.3
Limit (dB)	45.5	45.5	31.2	31.2
Worst Pair	78	12	45	45
PS NEXT (dB)	14.9	14.7	17.8	18.3
Freq. (MHz)	12.9	12.4	85.5	85.3
Limit (dB)	42.2	42.5	28.3	28.3



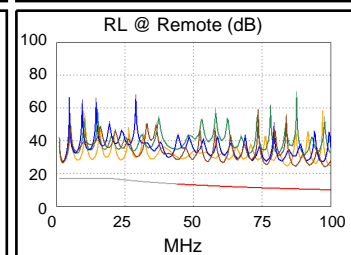
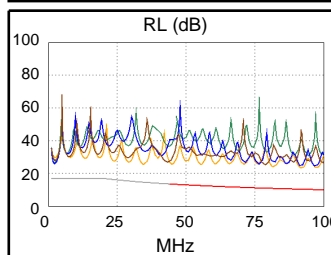
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	78-12
ACR-F (dB)	17.4	17.9	17.4	17.9
Freq. (MHz)	100.0	20.5	100.0	100.0
Limit (dB)	17.4	31.2	17.4	17.4
Worst Pair	78	12	78	12
PS ACR-F (dB)	19.6	19.4	19.6	19.4
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	14.4	14.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	19.2	18.6	32.7	33.9
Freq. (MHz)	12.1	11.9	86.3	86.3
Limit (dB)	37.8	38.0	9.0	9.0
Worst Pair	78	12	45	45
PS ACR-N (dB)	21.3	21.0	34.9	35.3
Freq. (MHz)	12.1	12.3	85.5	85.3
Limit (dB)	34.8	34.6	6.2	6.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
RL (dB)	12.2	13.8	12.9	14.0
Freq. (MHz)	44.8	84.0	91.8	98.0
Limit (dB)	13.5	10.8	10.4	10.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-20M-4

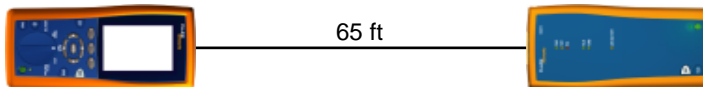
Date / Time: 10/15/2018 10:43:03 AM
Headroom 12.1 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

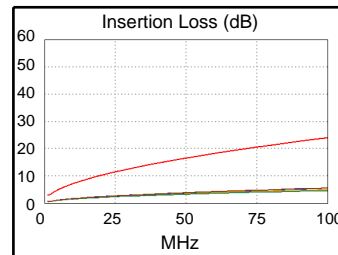
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	65
Prop. Delay (ns), Limit 555	[Pair 36]	99
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 78]	3.6
Insertion Loss Margin (dB)	[Pair 78]	18.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

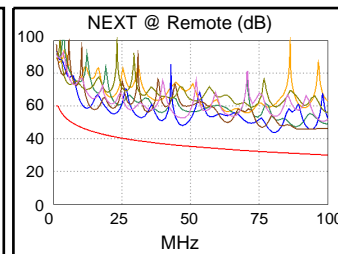
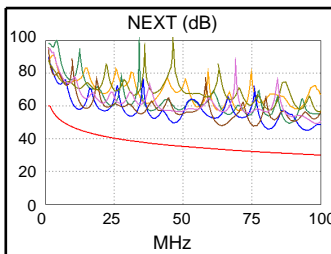


Wire Map (T568B)
PASS

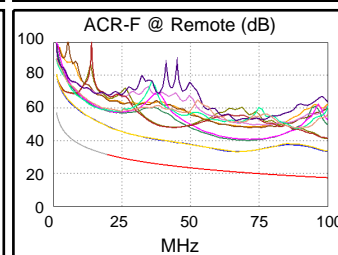
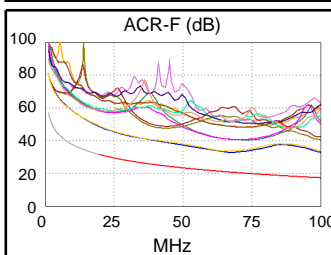


Worst Case Margin Worst Case Value

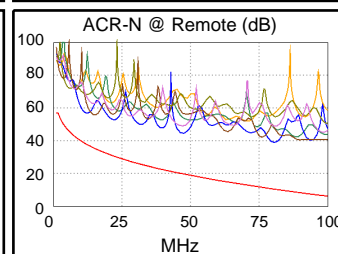
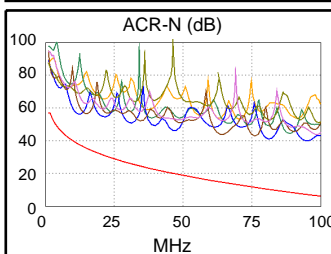
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	12.3	12.1	14.7	12.1
Freq. (MHz)	11.4	80.3	94.8	80.3
Limit (dB)	46.1	31.7	30.5	31.7
Worst Pair	78	78	78	12
PS NEXT (dB)	14.9	14.1	16.8	14.4
Freq. (MHz)	11.8	47.0	95.0	80.5
Limit (dB)	42.8	32.7	27.5	28.7



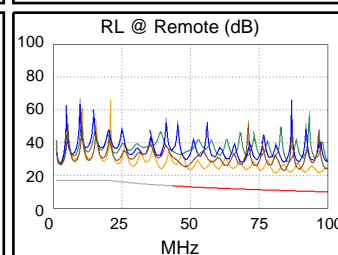
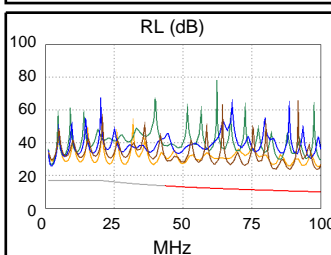
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	11.8	12.2	11.8	15.9
Freq. (MHz)	64.8	62.5	66.0	100.0
Limit (dB)	21.2	21.5	21.0	17.4
Worst Pair	78	12	78	12
PS ACR-F (dB)	14.6	14.1	14.6	14.1
Freq. (MHz)	66.3	64.8	66.3	66.0
Limit (dB)	18.0	18.2	18.0	18.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	18.2	18.9	32.7	28.6
Freq. (MHz)	11.3	11.3	94.8	80.3
Limit (dB)	38.6	38.6	7.2	10.4
Worst Pair	78	78	78	45
PS ACR-N (dB)	20.9	21.3	34.9	32.8
Freq. (MHz)	11.3	11.4	95.0	89.0
Limit (dB)	35.6	35.5	4.1	5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	12
RL (dB)	12.6	10.1	12.8	10.4
Freq. (MHz)	39.3	39.3	83.3	81.0
Limit (dB)	14.1	14.1	10.8	10.9



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-20M-5

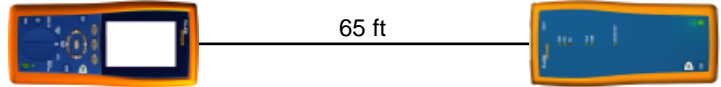
Date / Time: 10/15/2018 10:43:52 AM
Headroom 14.2 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

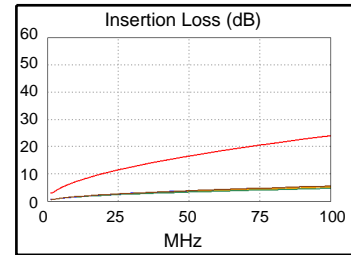
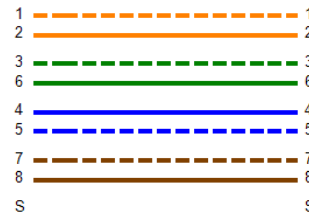
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	65
Prop. Delay (ns), Limit 555	[Pair 36]	99
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	3.7
Insertion Loss Margin (dB)	[Pair 45]	18.5
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

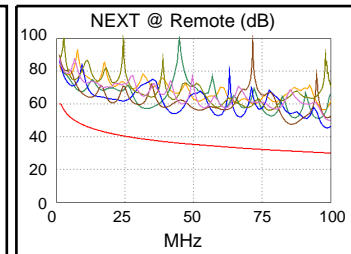
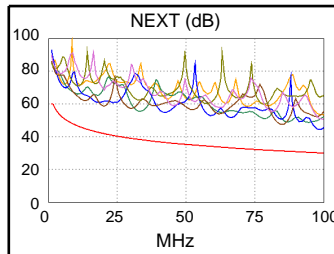


Wire Map (T568B)
PASS

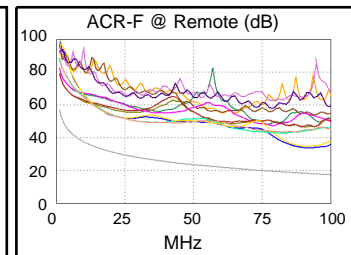
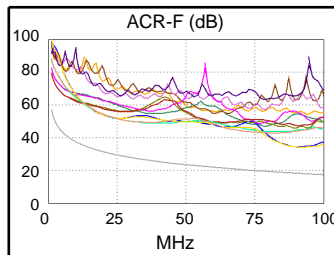


Worst Case Margin Worst Case Value

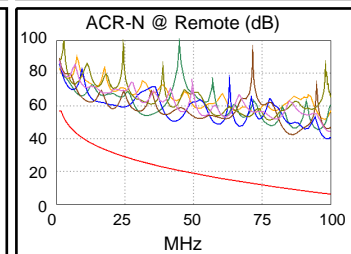
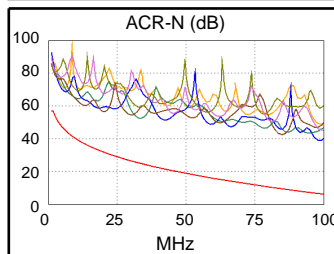
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	14.2	15.2	14.2	15.2
Freq. (MHz)	98.3	98.5	98.3	98.5
Limit (dB)	30.2	30.2	30.2	30.2
Worst Pair	12	78	12	78
PS NEXT (dB)	15.8	17.0	15.8	17.0
Freq. (MHz)	98.3	98.8	98.3	98.8
Limit (dB)	27.2	27.2	27.2	27.2



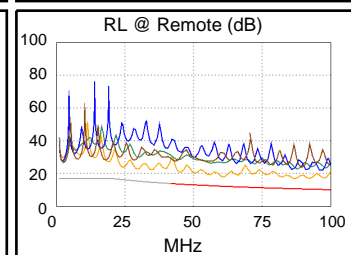
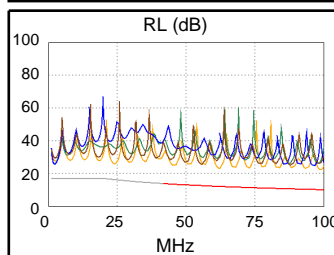
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	15.9	15.6	15.9	15.6
Freq. (MHz)	91.5	90.5	92.3	92.3
Limit (dB)	18.2	18.3	18.1	18.1
Worst Pair	78	78	78	78
PS ACR-F (dB)	18.6	18.5	18.6	18.5
Freq. (MHz)	89.5	91.5	90.0	92.3
Limit (dB)	15.4	15.2	15.3	15.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	22.9	23.2	32.5	33.5
Freq. (MHz)	4.9	3.6	98.5	98.5
Limit (dB)	47.2	50.0	6.4	6.4
Worst Pair	12	12	12	78
PS ACR-N (dB)	22.7	22.7	34.5	35.4
Freq. (MHz)	5.3	2.1	98.3	98.8
Limit (dB)	43.5	51.8	3.4	3.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	11.0	5.7	12.2	6.4
Freq. (MHz)	62.0	60.5	98.8	92.3
Limit (dB)	12.1	12.2	10.1	10.4



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-30M-1

Date / Time: 10/15/2018 10:44:10 AM

Headroom 7.7 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

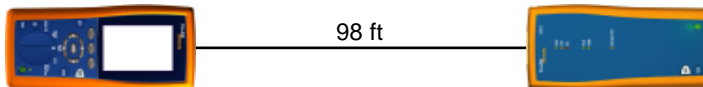
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

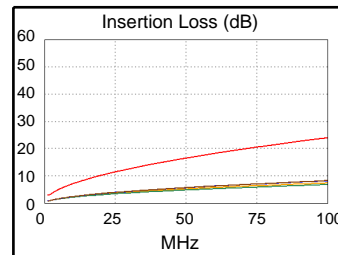
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	98
Prop. Delay (ns), Limit 555	[Pair 36]	149
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms)	[Pair 36]	5.2
Insertion Loss Margin (dB)	[Pair 78]	15.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



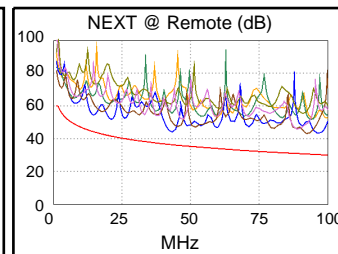
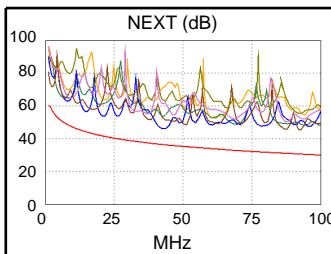
Wire Map (T568B)

PASS

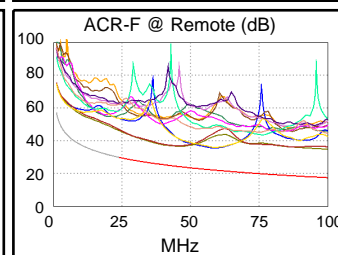
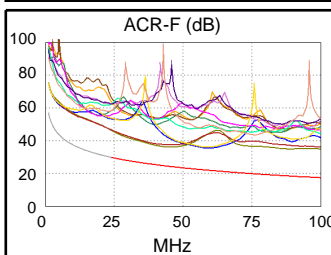


Worst Case Margin Worst Case Value

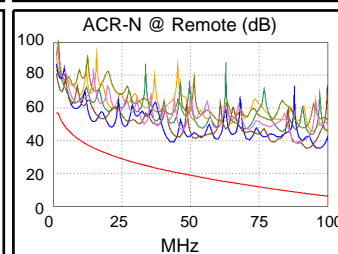
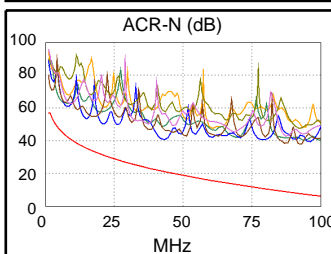
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	9.5	7.7	14.6	12.4
Freq. (MHz)	42.8	43.0	92.5	92.5
Limit (dB)	36.4	36.4	30.7	30.7
Worst Pair	12	12	45	45
PS NEXT (dB)	11.8	10.4	15.1	14.2
Freq. (MHz)	42.8	43.0	87.3	92.5
Limit (dB)	33.4	33.4	28.1	27.7



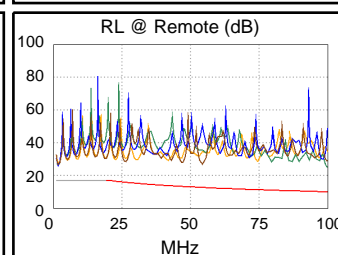
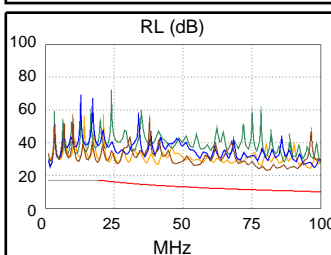
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	11.6	12.0	16.6	17.2
Freq. (MHz)	43.0	40.0	90.0	98.3
Limit (dB)	24.7	25.4	18.3	17.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	14.5	14.5	18.8	19.2
Freq. (MHz)	40.5	43.0	85.8	90.0
Limit (dB)	22.3	21.7	15.7	15.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	16.1	15.9	29.8	27.6
Freq. (MHz)	1.9	14.1	92.5	92.5
Limit (dB)	55.8	36.0	7.7	7.7
Worst Pair	12	12	45	45
PS ACR-N (dB)	18.4	17.9	30.7	29.4
Freq. (MHz)	7.1	7.1	92.5	92.5
Limit (dB)	40.5	40.5	4.7	4.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	36
RL (dB)	11.2	12.6	11.8	15.1
Freq. (MHz)	18.8	26.0	80.8	99.8
Limit (dB)	17.0	15.9	10.9	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-30M-2

Date / Time: 10/15/2018 10:44:35 AM

Headroom 11.9 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

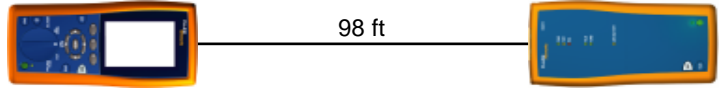
Main S/N: 1019229

Remote S/N: 1019230

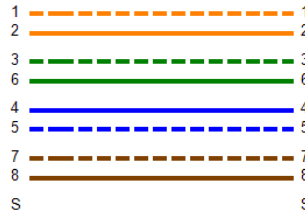
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	98
Prop. Delay (ns), Limit 555	[Pair 36]	149
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms)	[Pair 36]	5.3
Insertion Loss Margin (dB)	[Pair 45]	15.7
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

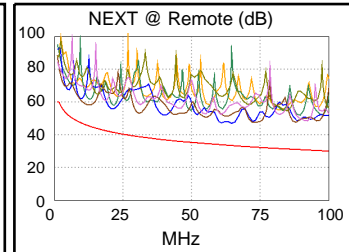
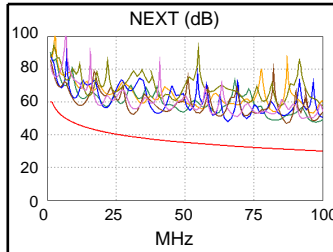


Wire Map (T568B)
PASS

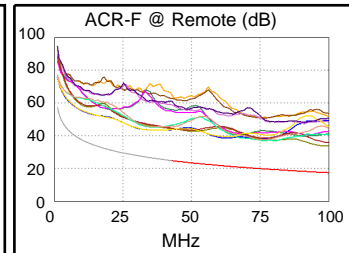
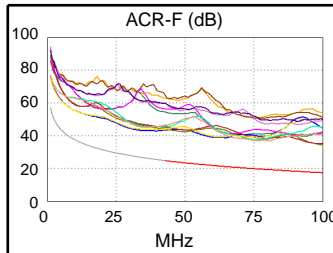


Worst Case Margin Worst Case Value

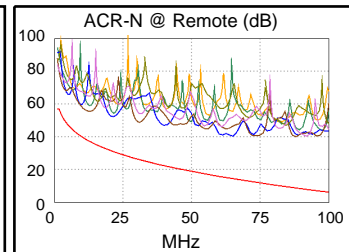
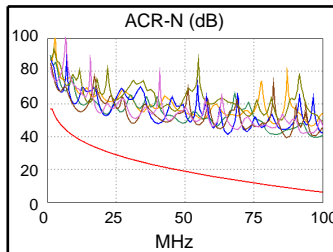
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	12-78
NEXT (dB)	11.9	12.6	15.8	13.6
Freq. (MHz)	11.4	11.4	87.0	64.8
Limit (dB)	46.1	46.1	31.1	33.3
Worst Pair	45	45	45	45
PS NEXT (dB)	13.7	13.8	16.7	17.3
Freq. (MHz)	11.6	12.4	96.8	88.5
Limit (dB)	42.9	42.5	27.3	28.0



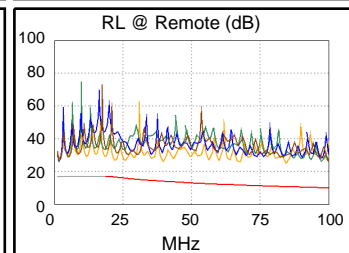
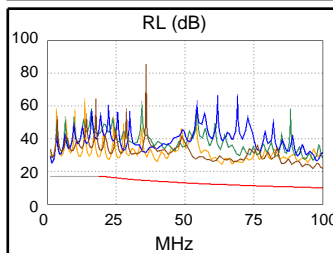
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	36-45
ACR-F (dB)	16.3	16.2	17.0	16.2
Freq. (MHz)	32.5	97.0	100.0	100.0
Limit (dB)	27.2	17.7	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	16.6	17.7	18.4	19.5
Freq. (MHz)	76.3	76.3	100.0	99.5
Limit (dB)	16.8	16.8	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	17.0	17.7	30.4	31.2
Freq. (MHz)	11.1	11.1	87.0	87.5
Limit (dB)	38.7	38.7	8.9	8.8
Worst Pair	45	45	45	45
PS ACR-N (dB)	18.9	19.1	32.2	32.1
Freq. (MHz)	11.3	11.9	96.8	88.5
Limit (dB)	35.6	35.0	3.7	5.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	12
RL (dB)	10.7	10.2	11.7	13.4
Freq. (MHz)	22.0	22.0	96.3	67.3
Limit (dB)	16.6	16.6	10.2	11.7



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-30M-3

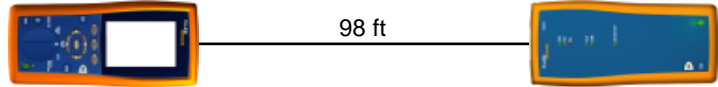
Date / Time: 10/15/2018 10:44:49 AM
Headroom 11.6 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

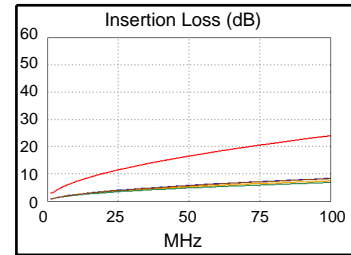
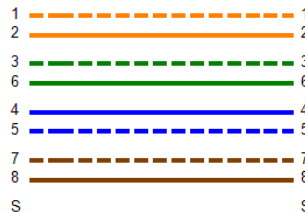
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	98
Prop. Delay (ns), Limit 555	[Pair 36]	149
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms)	[Pair 36]	5.3
Insertion Loss Margin (dB)	[Pair 45]	15.7
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

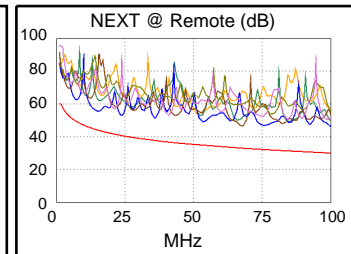
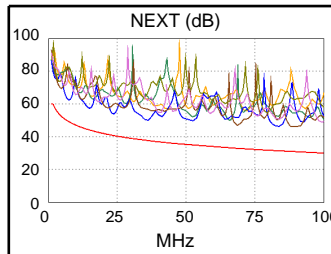


Wire Map (T568B)
PASS

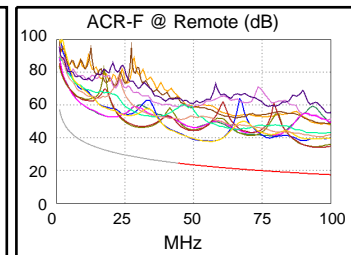
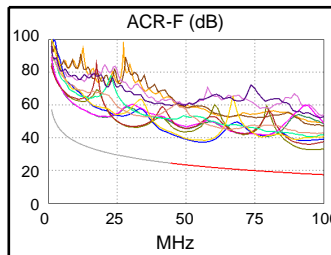


Worst Case Margin Worst Case Value

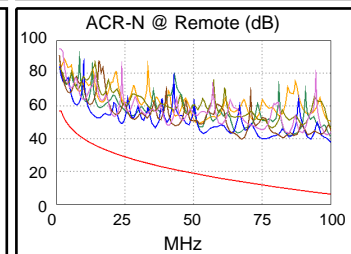
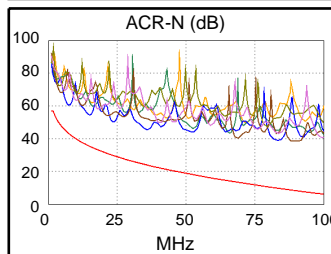
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
NEXT (dB)	12.2	11.6	15.2	16.0
Freq. (MHz)	35.5	14.4	88.5	100.0
Limit (dB)	37.8	44.4	31.0	30.1
Worst Pair	12	12	78	12
PS NEXT (dB)	14.9	13.6	16.4	17.3
Freq. (MHz)	35.5	15.0	83.0	100.0
Limit (dB)	34.8	41.1	28.5	27.1



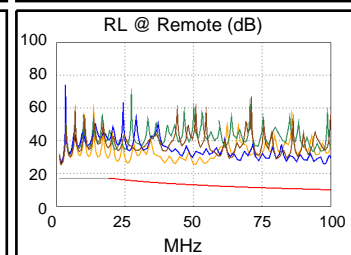
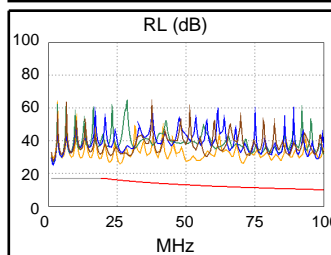
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	45-36
ACR-F (dB)	14.7	15.1	14.9	16.3
Freq. (MHz)	54.0	52.8	96.0	94.3
Limit (dB)	22.8	23.0	17.8	17.9
Worst Pair	45	12	45	36
PS ACR-F (dB)	17.4	17.2	17.4	17.8
Freq. (MHz)	93.8	54.0	96.0	96.0
Limit (dB)	15.0	19.8	14.8	14.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
ACR-N (dB)	17.1	17.2	30.0	31.8
Freq. (MHz)	7.1	6.6	88.5	100.0
Limit (dB)	43.5	44.2	8.5	6.1
Worst Pair	12	12	45	78
PS ACR-N (dB)	19.8	19.5	34.2	33.4
Freq. (MHz)	7.1	7.1	100.0	100.0
Limit (dB)	40.5	40.5	3.1	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	10.0	10.4	10.0	12.2
Freq. (MHz)	25.9	26.0	25.9	50.3
Limit (dB)	15.9	15.9	15.9	13.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-30M-4

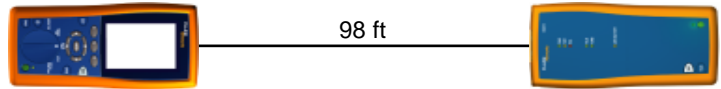
Date / Time: 10/15/2018 10:45:05 AM
Headroom 11.8 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

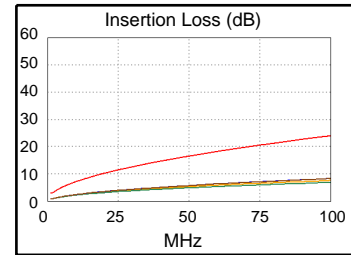
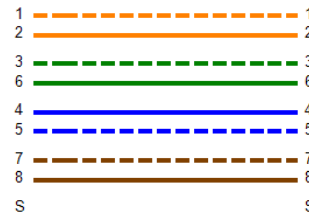
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	98
Prop. Delay (ns), Limit 555	[Pair 36]	149
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms)	[Pair 36]	5.2
Insertion Loss Margin (dB)	[Pair 45]	15.8
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

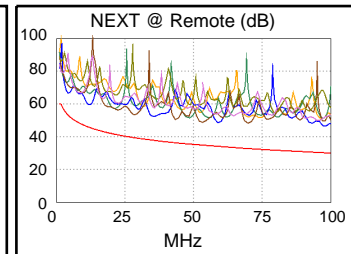
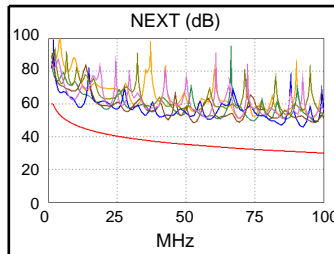


Wire Map (T568B)
PASS

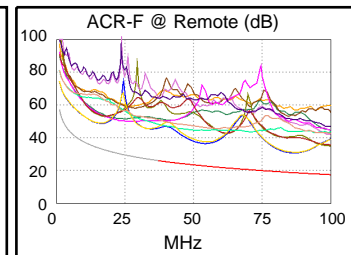
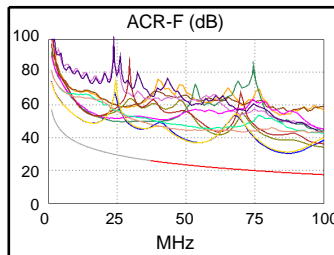


Worst Case Margin Worst Case Value

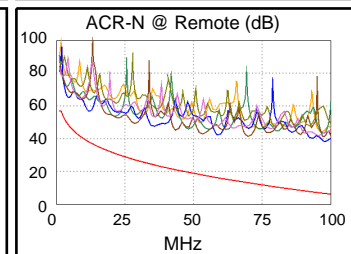
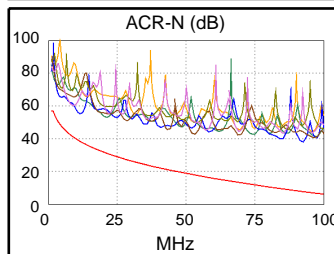
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	11.8	13.4	15.3	16.3
Freq. (MHz)	10.9	3.9	92.0	97.8
Limit (dB)	46.4	53.8	30.7	30.2
Worst Pair	78	45	12	12
PS NEXT (dB)	14.1	14.8	17.7	17.1
Freq. (MHz)	10.6	21.4	96.8	97.3
Limit (dB)	43.6	38.5	27.3	27.3



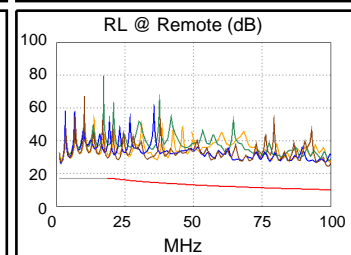
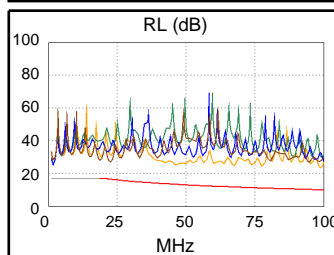
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	11.7	11.9	11.7	11.9
Freq. (MHz)	86.5	85.3	86.5	86.5
Limit (dB)	18.7	18.8	18.7	18.7
Worst Pair	78	12	78	12
PS ACR-F (dB)	14.5	14.7	14.5	14.7
Freq. (MHz)	86.5	86.5	86.5	86.5
Limit (dB)	15.7	15.7	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	16.6	16.4	30.4	31.9
Freq. (MHz)	3.9	3.9	92.5	97.8
Limit (dB)	49.4	49.4	7.7	6.5
Worst Pair	78	12	45	12
PS ACR-N (dB)	18.7	18.3	33.2	33.4
Freq. (MHz)	3.9	3.8	96.5	97.3
Limit (dB)	46.4	46.7	3.8	3.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	78
RL (dB)	10.6	11.8	13.5	14.3
Freq. (MHz)	22.4	22.4	98.8	98.8
Limit (dB)	16.5	16.5	10.1	10.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-30M-5

Date / Time: 10/15/2018 10:45:23 AM

Headroom 10.8 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

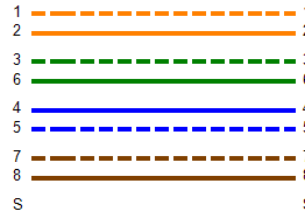
Length (ft), Limit 328	[Pair 78]	98
Prop. Delay (ns), Limit 555	[Pair 36]	149
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms)	[Pair 78]	5.4
Insertion Loss Margin (dB)	[Pair 78]	15.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



98 ft

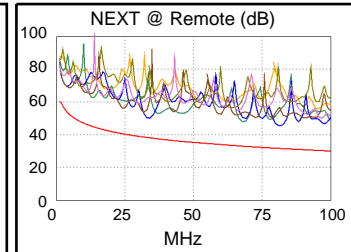
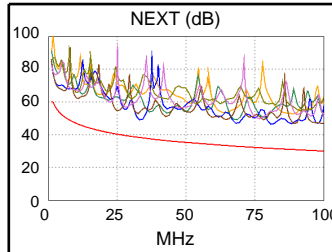


Wire Map (T568B)
PASS

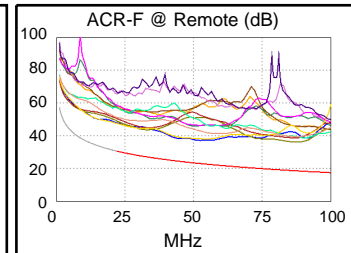
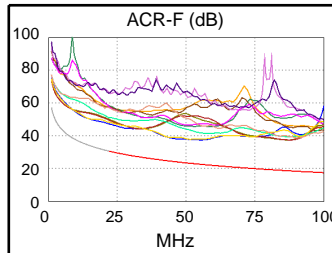


Worst Case Margin Worst Case Value

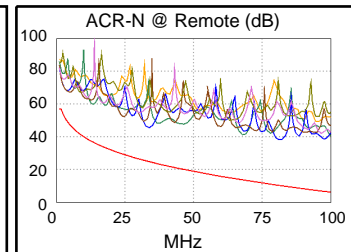
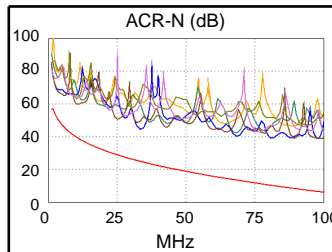
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	10.8	11.8	14.6	13.8
Freq. (MHz)	33.0	33.3	81.0	81.3
Limit (dB)	38.3	38.3	31.7	31.6
Worst Pair	12	78	12	12
PS NEXT (dB)	13.6	14.6	14.5	16.2
Freq. (MHz)	33.0	33.0	68.0	81.0
Limit (dB)	35.3	35.3	30.0	28.7



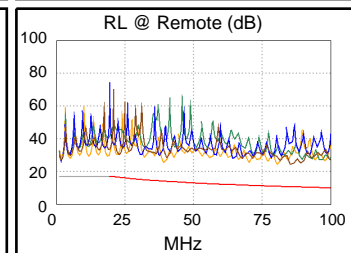
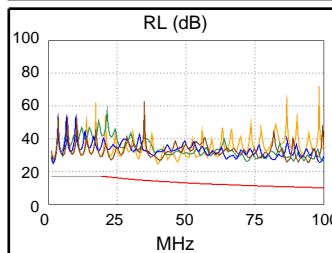
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	45-36	36-45
ACR-F (dB)	14.0	13.9	18.8	17.5
Freq. (MHz)	46.0	43.8	88.3	88.3
Limit (dB)	24.1	24.6	18.5	18.5
Worst Pair	78	12	45	45
PS ACR-F (dB)	16.3	16.4	19.7	19.6
Freq. (MHz)	46.3	46.0	87.8	86.8
Limit (dB)	21.1	21.1	15.5	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	16.7	17.4	32.3	28.0
Freq. (MHz)	3.0	2.5	97.5	81.3
Limit (dB)	51.7	53.4	6.6	10.2
Worst Pair	45	45	45	78
PS ACR-N (dB)	18.4	18.2	33.3	33.6
Freq. (MHz)	2.5	2.1	100.0	97.0
Limit (dB)	50.4	51.8	3.1	3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
RL (dB)	10.7	11.3	10.7	13.3
Freq. (MHz)	39.8	39.3	39.8	85.8
Limit (dB)	14.0	14.1	14.0	10.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-50M-1

Date / Time: 10/15/2018 10:45:45 AM

Headroom 10.9 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

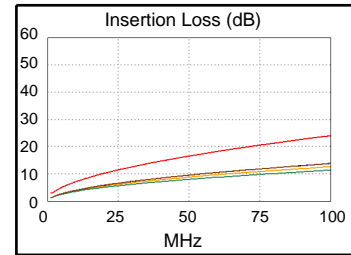
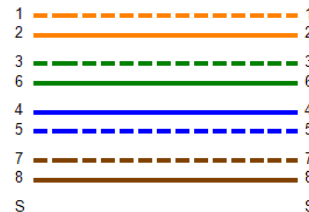
Length (ft), Limit 328	[Pair 78]	163
Prop. Delay (ns), Limit 555	[Pair 36]	249
Delay Skew (ns), Limit 50	[Pair 36]	9
Resistance (ohms)	[Pair 45]	8.7
Insertion Loss Margin (dB)	[Pair 78]	10.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



163 ft

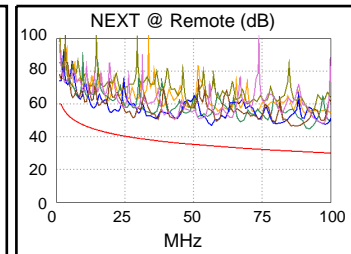
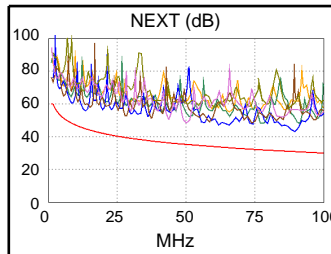


Wire Map (T568B)
PASS

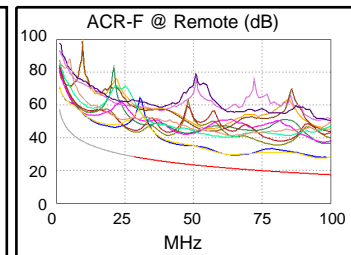
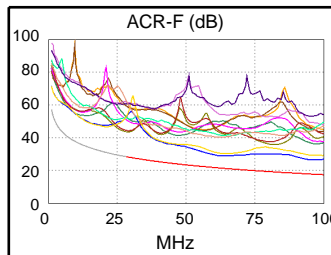


Worst Case Margin Worst Case Value

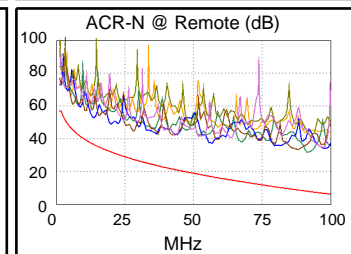
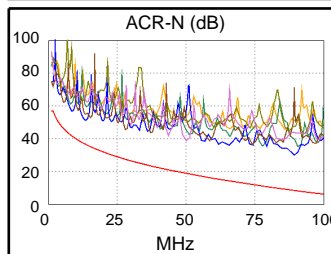
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-45
NEXT (dB)	10.9	12.0	12.2	13.9
Freq. (MHz)	13.3	27.9	89.3	91.8
Limit (dB)	45.0	39.5	30.9	30.7
Worst Pair	12	45	12	45
PS NEXT (dB)	13.3	13.4	14.5	15.7
Freq. (MHz)	13.3	28.0	89.8	91.5
Limit (dB)	42.0	36.5	27.9	27.7



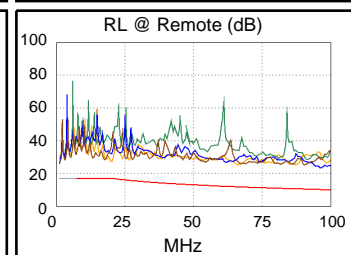
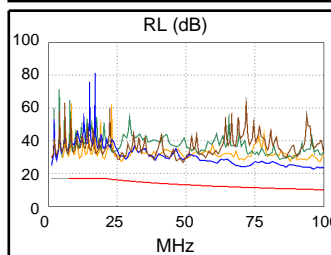
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	78-12
ACR-F (dB)	7.4	8.1	8.7	9.9
Freq. (MHz)	62.0	63.3	97.0	96.3
Limit (dB)	21.6	21.4	17.7	17.7
Worst Pair	78	12	78	12
PS ACR-F (dB)	10.2	10.3	11.6	11.3
Freq. (MHz)	62.0	62.0	96.0	97.0
Limit (dB)	18.6	18.6	14.8	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-45
ACR-N (dB)	14.5	15.3	21.7	23.6
Freq. (MHz)	13.1	1.3	89.3	91.8
Limit (dB)	36.9	57.0	8.4	7.8
Worst Pair	12	12	78	45
PS ACR-N (dB)	16.6	17.7	24.4	25.4
Freq. (MHz)	8.1	1.4	89.3	91.8
Limit (dB)	39.1	54.0	5.4	4.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	45
RL (dB)	11.6	10.1	12.4	13.1
Freq. (MHz)	26.4	20.0	96.3	96.3
Limit (dB)	15.8	17.0	10.2	10.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-50M-2

Date / Time: 10/15/2018 10:46:07 AM

Headroom 8.3 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

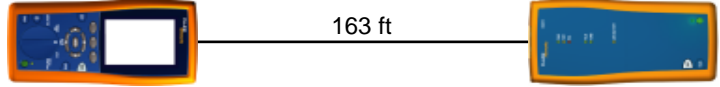
Main S/N: 1019229

Remote S/N: 1019230

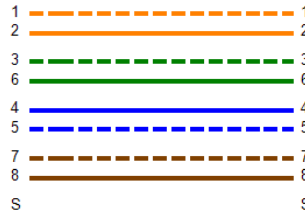
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	163
Prop. Delay (ns), Limit 555	[Pair 36]	249
Delay Skew (ns), Limit 50	[Pair 36]	9
Resistance (ohms)	[Pair 36]	8.7
Insertion Loss Margin (dB)	[Pair 45]	10.3
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

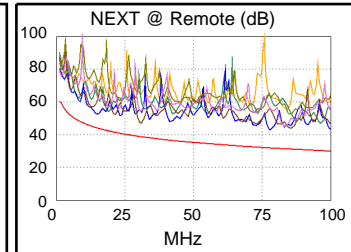
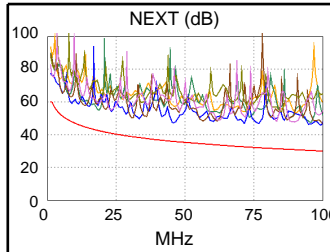


Wire Map (T568B)
PASS

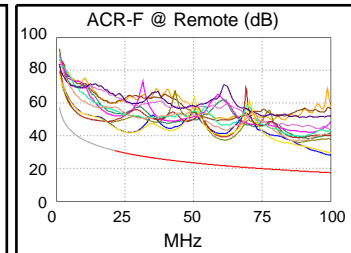
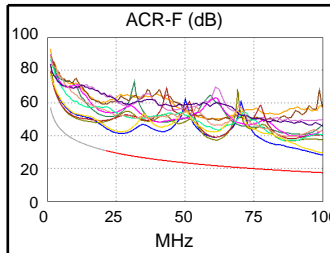


Worst Case Margin Worst Case Value

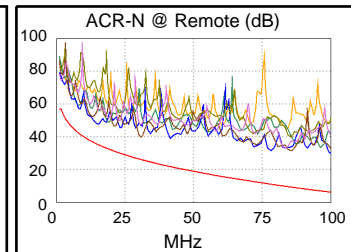
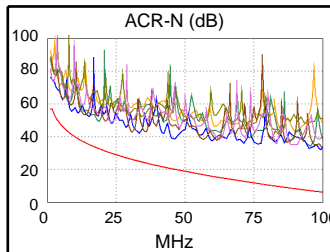
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-78
NEXT (dB)	11.2	8.3	15.7	11.1
Freq. (MHz)	8.5	30.6	99.3	77.8
Limit (dB)	48.2	38.9	30.1	32.0
Worst Pair	45	45	12	78
PS NEXT (dB)	12.9	10.5	16.4	13.4
Freq. (MHz)	30.6	30.6	95.3	83.0
Limit (dB)	35.9	35.9	27.4	28.5



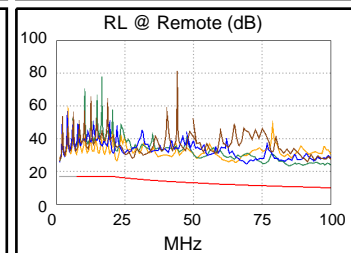
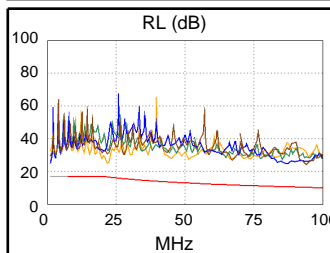
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	10.7	10.6	10.7	10.6
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	17.4	17.4	17.4	17.4
Worst Pair	78	12	78	12
PS ACR-F (dB)	13.5	13.6	13.5	13.6
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	14.4	14.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	14.2	12.3	26.0	23.8
Freq. (MHz)	8.5	14.8	99.3	100.0
Limit (dB)	41.6	35.5	6.2	6.1
Worst Pair	12	78	78	78
PS ACR-N (dB)	16.1	14.9	28.2	22.8
Freq. (MHz)	8.3	14.8	99.3	83.0
Limit (dB)	38.9	32.5	3.2	6.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	36
RL (dB)	8.3	9.9	13.9	12.4
Freq. (MHz)	21.8	21.9	94.0	85.0
Limit (dB)	16.6	16.6	10.3	10.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-50M-3

Date / Time: 10/15/2018 10:46:28 AM

Headroom 7.3 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

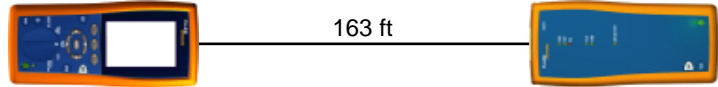
Main S/N: 1019229

Remote S/N: 1019230

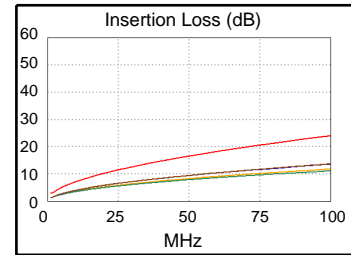
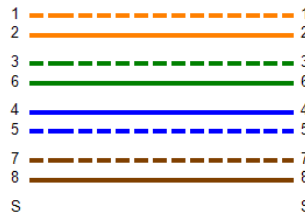
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	163
Prop. Delay (ns), Limit 555	[Pair 36]	249
Delay Skew (ns), Limit 50	[Pair 36]	9
Resistance (ohms)	[Pair 78]	8.8
Insertion Loss Margin (dB)	[Pair 45]	10.4
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

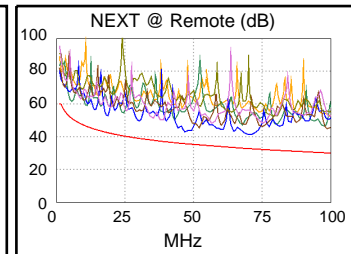
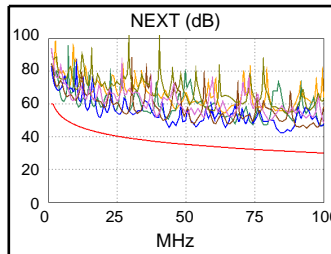


Wire Map (T568B)
PASS

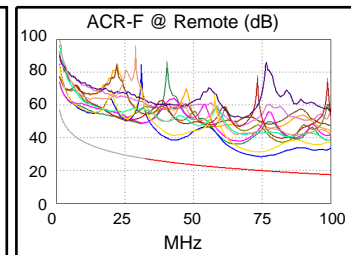
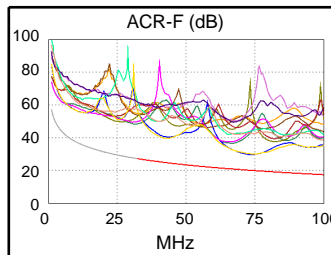


Worst Case Margin Worst Case Value

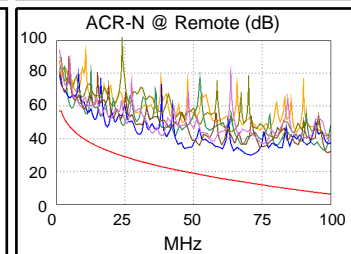
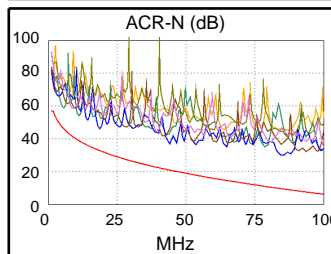
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	9.2	7.3	10.6	8.7
Freq. (MHz)	18.4	46.8	84.8	71.3
Limit (dB)	42.6	35.7	31.3	32.6
Worst Pair	12	12	12	12
PS NEXT (dB)	11.3	10.0	13.4	11.0
Freq. (MHz)	43.8	46.8	84.8	69.0
Limit (dB)	33.2	32.7	28.3	29.9



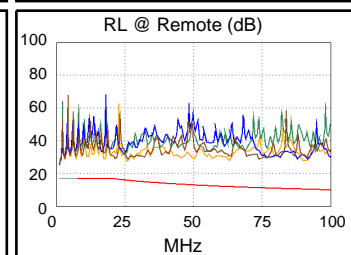
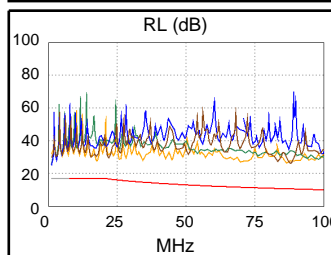
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	9.6	8.4	9.7	8.4
Freq. (MHz)	72.0	74.5	73.0	74.5
Limit (dB)	20.3	20.0	20.1	20.0
Worst Pair	78	12	78	12
PS ACR-F (dB)	12.4	12.3	12.5	12.3
Freq. (MHz)	72.0	71.8	73.0	71.8
Limit (dB)	17.3	17.3	17.1	17.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-78
ACR-N (dB)	12.4	12.6	20.1	17.4
Freq. (MHz)	5.0	5.1	84.8	71.3
Limit (dB)	47.0	46.7	9.4	12.6
Worst Pair	45	12	78	45
PS ACR-N (dB)	14.7	14.7	22.9	26.2
Freq. (MHz)	5.1	5.0	84.8	98.0
Limit (dB)	43.7	44.0	6.4	3.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	10.6	11.3	15.5	11.5
Freq. (MHz)	17.5	17.5	86.3	25.8
Limit (dB)	17.0	17.0	10.7	15.9



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-50M-4

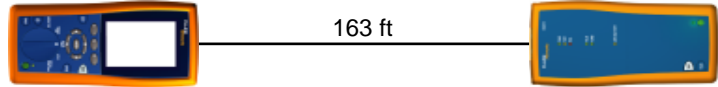
Date / Time: 10/15/2018 10:46:49 AM
Headroom 9.1 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

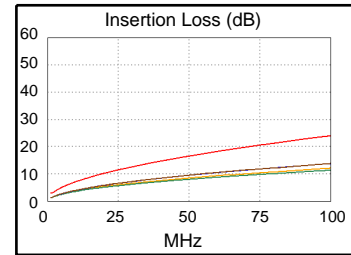
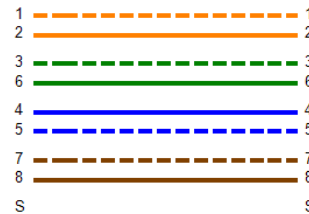
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	163
Prop. Delay (ns), Limit 555	[Pair 36]	249
Delay Skew (ns), Limit 50	[Pair 36]	9
Resistance (ohms)	[Pair 78]	8.8
Insertion Loss Margin (dB)	[Pair 78]	10.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

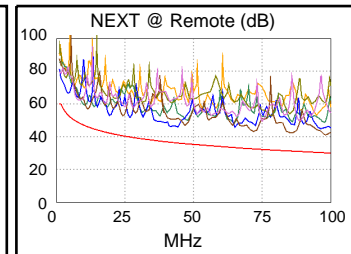
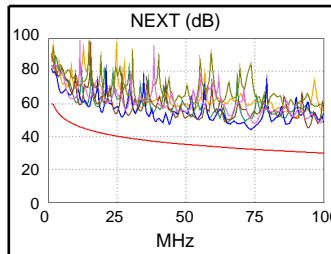


Wire Map (T568B)
PASS

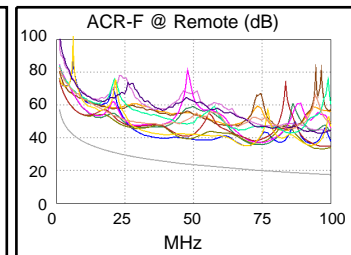
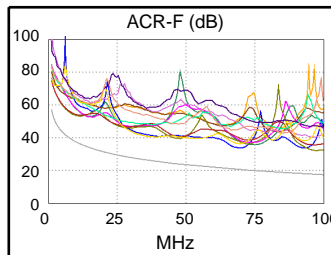


Worst Case Margin Worst Case Value

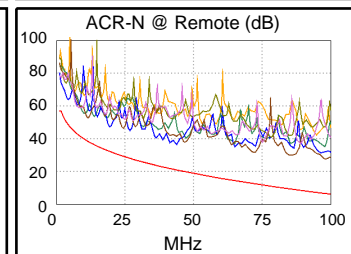
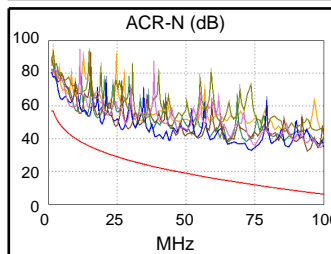
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
NEXT (dB)	11.3	9.1	11.8	11.0
Freq. (MHz)	41.0	43.8	73.3	98.0
Limit (dB)	36.7	36.2	32.4	30.2
Worst Pair	12	12	12	45
PS NEXT (dB)	13.8	11.7	13.9	13.4
Freq. (MHz)	44.0	44.0	73.3	97.8
Limit (dB)	33.2	33.2	29.4	27.2



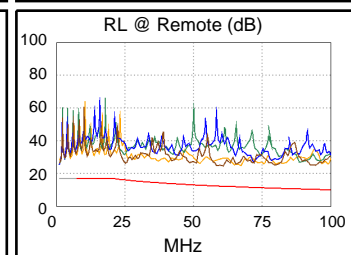
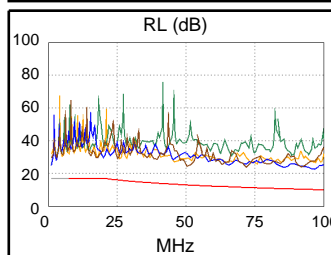
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
ACR-F (dB)	13.2	13.8	14.6	15.4
Freq. (MHz)	68.0	35.3	97.3	96.8
Limit (dB)	20.8	26.5	17.6	17.7
Worst Pair	45	12	45	36
PS ACR-F (dB)	15.6	14.6	17.6	16.9
Freq. (MHz)	72.0	69.3	97.3	96.3
Limit (dB)	17.3	17.6	14.6	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	36-45
ACR-N (dB)	16.1	14.3	24.9	21.1
Freq. (MHz)	4.5	11.3	94.5	98.0
Limit (dB)	48.0	38.6	7.2	6.5
Worst Pair	45	45	45	45
PS ACR-N (dB)	17.8	15.6	26.9	23.5
Freq. (MHz)	10.5	10.5	98.0	97.8
Limit (dB)	36.4	36.4	3.5	3.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	78
RL (dB)	10.7	10.1	12.4	11.8
Freq. (MHz)	50.8	25.1	96.5	58.8
Limit (dB)	13.0	16.0	10.2	12.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-50M-5

Date / Time: 10/15/2018 10:47:07 AM

Headroom 9.4 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

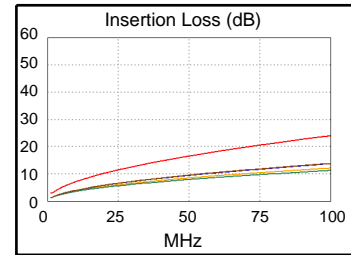
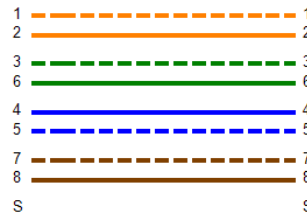
Length (ft), Limit 328	[Pair 78]	163
Prop. Delay (ns), Limit 555	[Pair 36]	249
Delay Skew (ns), Limit 50	[Pair 36]	9
Resistance (ohms)	[Pair 78]	8.8
Insertion Loss Margin (dB)	[Pair 45]	10.2
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



163 ft

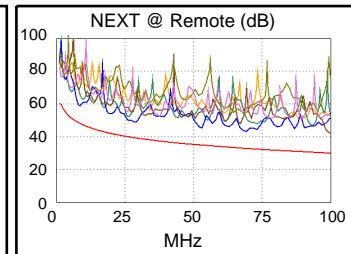
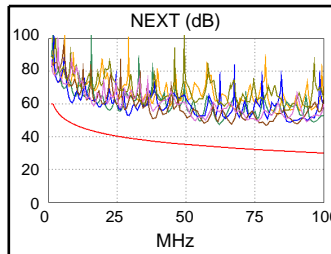


Wire Map (T568B)
PASS

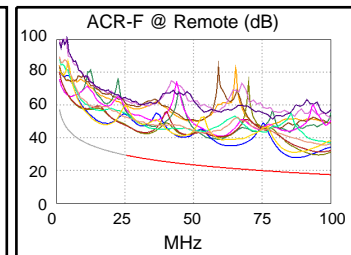
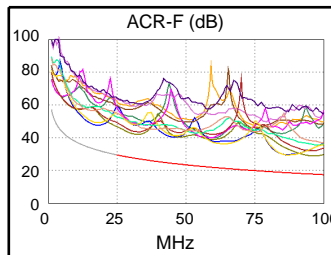


Worst Case Margin Worst Case Value

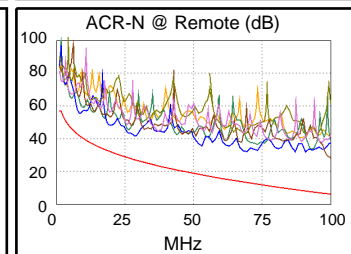
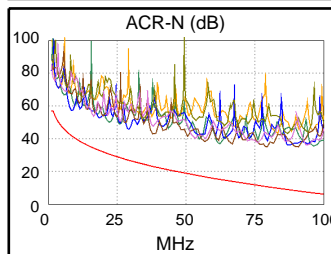
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	12.4	9.4	15.2	12.0
Freq. (MHz)	8.3	28.5	79.0	100.0
Limit (dB)	48.4	39.4	31.8	30.1
Worst Pair	45	12	45	45
PS NEXT (dB)	14.2	10.8	15.8	14.5
Freq. (MHz)	56.0	26.0	76.3	100.0
Limit (dB)	31.4	37.1	29.1	27.1



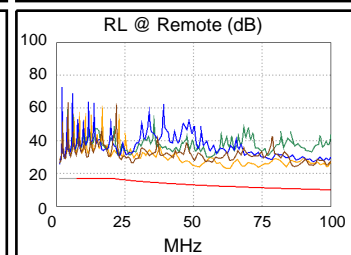
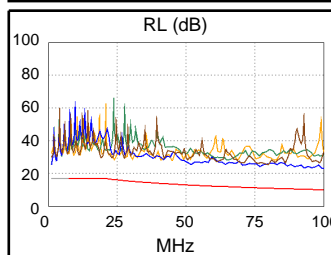
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
ACR-F (dB)	10.7	9.1	11.0	9.1
Freq. (MHz)	86.3	86.5	96.0	86.5
Limit (dB)	18.7	18.7	17.8	18.7
Worst Pair	78	12	45	36
PS ACR-F (dB)	13.3	13.4	13.5	14.0
Freq. (MHz)	86.3	86.3	96.0	96.0
Limit (dB)	15.7	15.7	14.8	14.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	15.3	13.7	26.8	22.2
Freq. (MHz)	8.4	8.1	90.5	100.0
Limit (dB)	41.8	42.1	8.1	6.1
Worst Pair	12	12	78	45
PS ACR-N (dB)	17.9	16.1	28.5	24.7
Freq. (MHz)	8.4	8.4	94.0	100.0
Limit (dB)	38.8	38.8	4.3	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	45	12
RL (dB)	12.1	10.7	13.0	10.9
Freq. (MHz)	23.8	27.5	100.0	62.8
Limit (dB)	16.3	15.6	10.0	12.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-15M-1

Date / Time: 10/15/2018 10:50:12 AM

Headroom 13.2 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

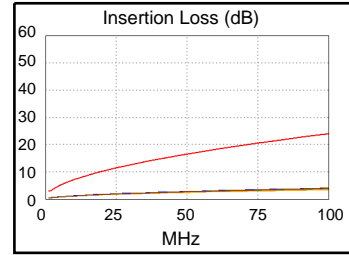
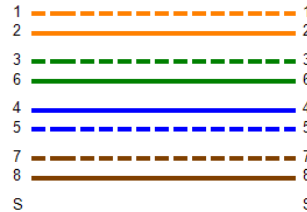
Length (ft), Limit 328	[Pair 78]	48
Prop. Delay (ns), Limit 555	[Pair 36]	74
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	2.7
Insertion Loss Margin (dB)	[Pair 45]	20.0
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



48 ft

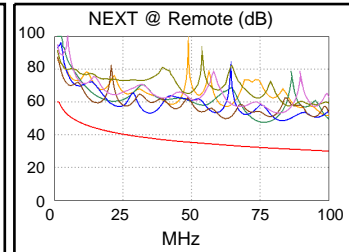
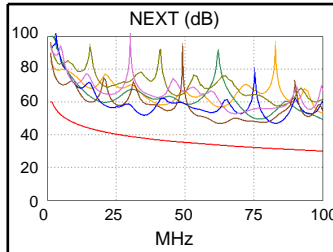


Wire Map (T568B)
PASS

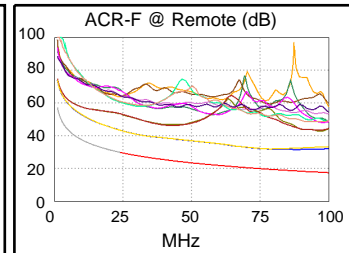
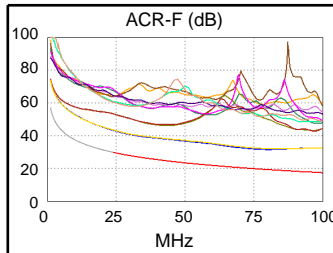


Worst Case Margin Worst Case Value

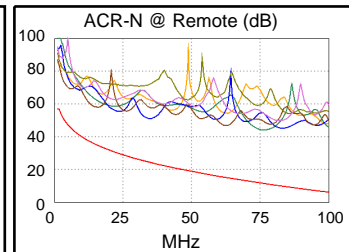
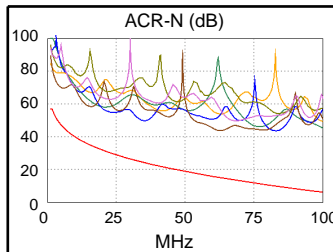
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	12-45
NEXT (dB)	13.2	15.2	13.2	15.4
Freq. (MHz)	62.3	34.5	62.3	75.8
Limit (dB)	33.6	38.0	33.6	32.2
Worst Pair	36	45	45	45
PS NEXT (dB)	15.8	16.8	16.1	16.8
Freq. (MHz)	62.3	76.8	77.8	77.0
Limit (dB)	30.6	29.1	29.0	29.0



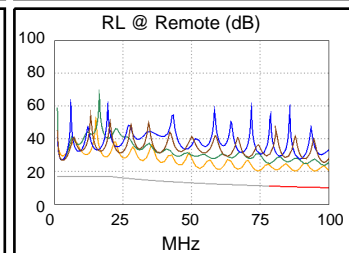
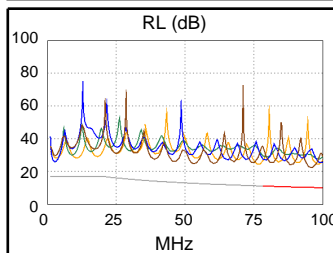
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	11.9	12.2	12.2	12.2
Freq. (MHz)	74.5	72.0	80.3	80.3
Limit (dB)	20.0	20.3	19.3	19.3
Worst Pair	78	12	78	12
PS ACR-F (dB)	14.9	14.9	15.2	15.2
Freq. (MHz)	74.5	74.5	80.3	80.3
Limit (dB)	17.0	17.0	16.3	16.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-45
ACR-N (dB)	22.0	22.6	33.8	32.7
Freq. (MHz)	3.4	4.0	83.3	75.8
Limit (dB)	50.7	49.1	9.7	11.5
Worst Pair	36	36	45	45
PS ACR-N (dB)	23.8	24.4	33.7	34.2
Freq. (MHz)	3.4	3.4	77.8	77.0
Limit (dB)	47.7	47.7	8.0	8.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
RL (dB)	12.1	9.6	12.1	9.6
Freq. (MHz)	95.5	87.5	95.5	87.5
Limit (dB)	10.2	10.6	10.2	10.6



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-15M-2

Date / Time: 10/15/2018 10:50:47 AM

Headroom 12.2 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

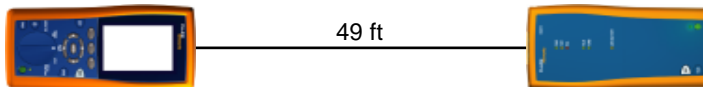
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	49
Prop. Delay (ns), Limit 555	[Pair 36]	74
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	2.7
Insertion Loss Margin (dB)	[Pair 45]	20.0
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



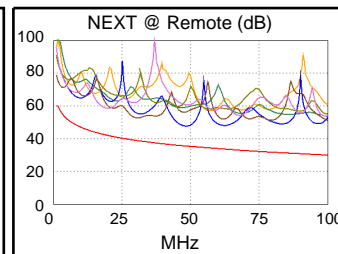
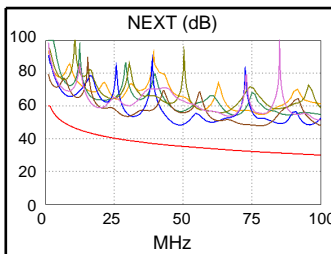
Wire Map (T568B)

PASS

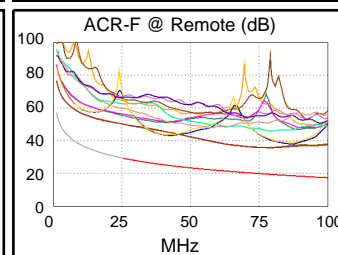
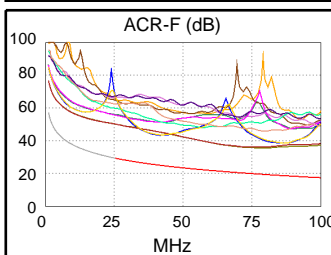


Worst Case Margin Worst Case Value

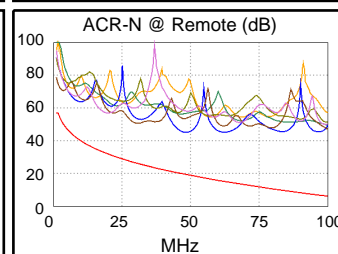
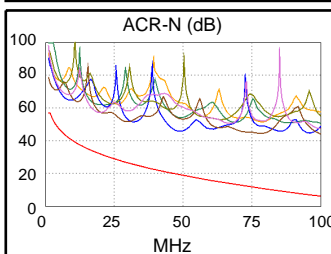
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
NEXT (dB)	12.9	12.2	16.0	12.2
Freq. (MHz)	48.3	47.3	77.3	48.0
Limit (dB)	35.5	35.7	32.0	35.5
Worst Pair	12	78	45	12
PS NEXT (dB)	15.2	14.8	18.8	14.9
Freq. (MHz)	48.3	47.3	99.8	48.0
Limit (dB)	32.5	32.7	27.1	32.5



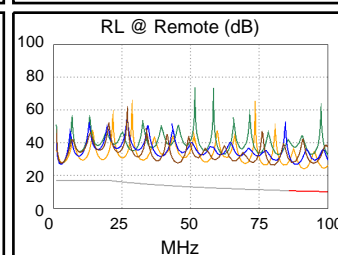
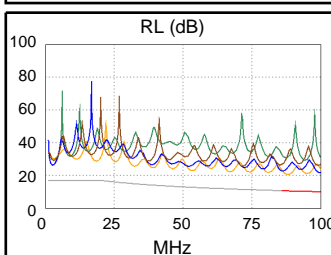
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	15.7	15.8	15.9	16.1
Freq. (MHz)	71.8	71.5	77.5	77.5
Limit (dB)	20.3	20.3	19.6	19.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	18.3	18.6	18.5	18.9
Freq. (MHz)	71.8	71.8	77.8	77.5
Limit (dB)	17.3	17.3	16.6	16.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	12-78
ACR-N (dB)	18.3	17.7	38.0	25.7
Freq. (MHz)	1.6	1.9	100.0	48.0
Limit (dB)	56.9	55.8	6.1	19.4
Worst Pair	36	36	45	45
PS ACR-N (dB)	20.9	20.4	38.8	40.7
Freq. (MHz)	1.6	1.9	99.8	100.0
Limit (dB)	53.9	52.8	3.1	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	9.8	13.6	9.8	13.6
Freq. (MHz)	88.0	91.3	88.0	91.3
Limit (dB)	10.6	10.4	10.6	10.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-15M-3

Date / Time: 10/15/2018 10:51:06 AM

Headroom 11.9 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

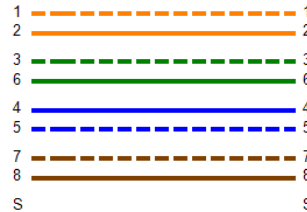
Length (ft), Limit 328	[Pair 78]	48
Prop. Delay (ns), Limit 555	[Pair 36]	74
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	2.7
Insertion Loss Margin (dB)	[Pair 45]	20.1
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



48 ft

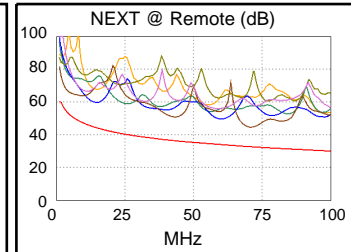
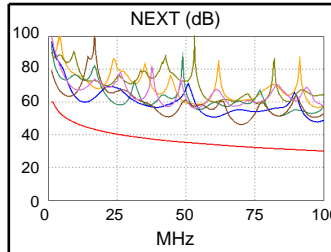


Wire Map (T568B)
PASS

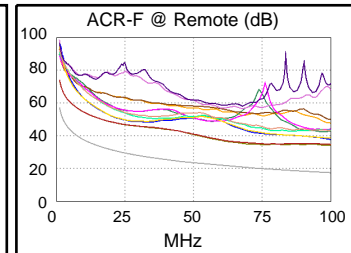
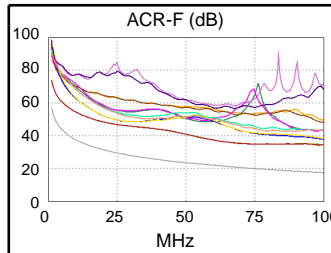


Worst Case Margin Worst Case Value

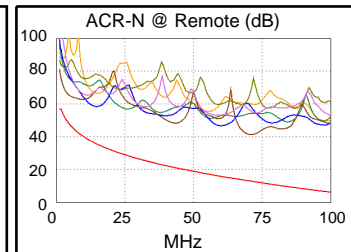
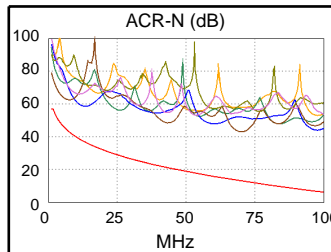
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	13.3	11.9	13.4	11.9
Freq. (MHz)	5.0	70.3	69.8	70.3
Limit (dB)	52.0	32.7	32.8	32.7
Worst Pair	45	45	45	45
PS NEXT (dB)	15.6	14.5	16.0	14.5
Freq. (MHz)	4.9	70.8	69.8	70.8
Limit (dB)	49.1	29.7	29.8	29.7



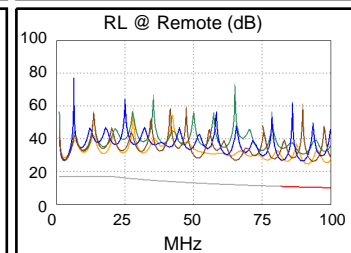
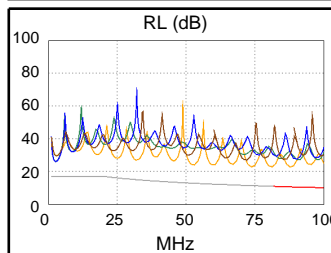
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.5	14.3	16.7	16.5
Freq. (MHz)	69.5	69.5	97.5	97.5
Limit (dB)	20.6	20.6	17.6	17.6
Worst Pair	36	45	45	45
PS ACR-F (dB)	17.4	17.2	19.0	18.7
Freq. (MHz)	69.5	69.5	99.3	97.5
Limit (dB)	17.6	17.6	14.5	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	17.4	16.8	29.9	28.4
Freq. (MHz)	3.4	3.1	69.8	70.3
Limit (dB)	50.7	51.4	13.0	12.9
Worst Pair	45	45	45	45
PS ACR-N (dB)	19.7	19.5	32.5	31.1
Freq. (MHz)	3.4	3.1	69.8	70.8
Limit (dB)	47.7	48.4	10.0	9.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	12.1	14.0	12.1	14.0
Freq. (MHz)	87.8	91.5	87.8	91.5
Limit (dB)	10.6	10.4	10.6	10.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C5EUTP-15M-4

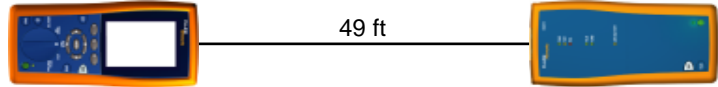
Date / Time: 10/15/2018 10:51:25 AM
Headroom 12.8 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

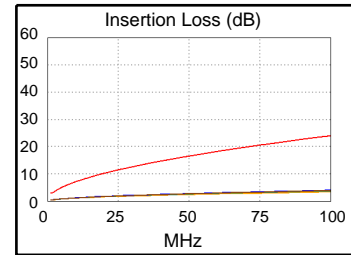
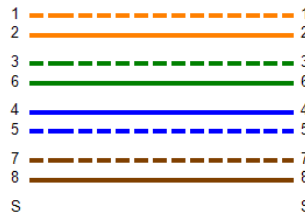
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	49
Prop. Delay (ns), Limit 555	[Pair 36]	74
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	2.7
Insertion Loss Margin (dB)	[Pair 45]	20.0
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

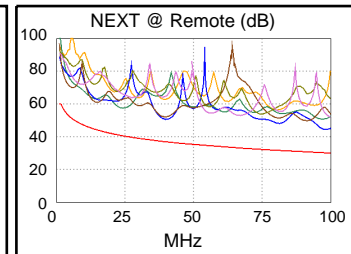
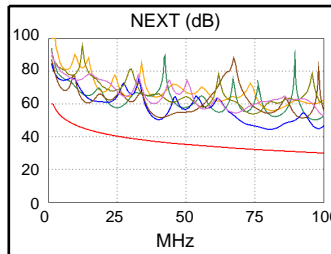


Wire Map (T568B)
PASS

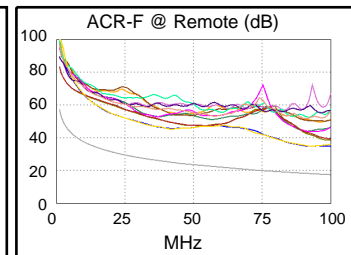
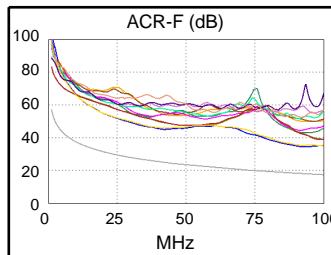


Worst Case Margin Worst Case Value

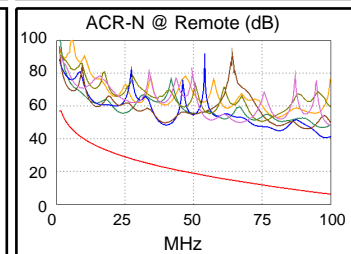
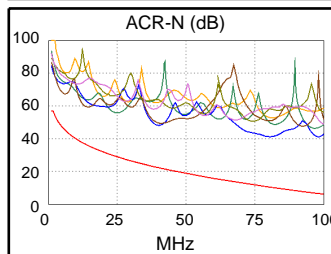
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	12.8	13.7	12.8	14.2
Freq. (MHz)	79.5	39.5	80.0	97.8
Limit (dB)	31.8	37.0	31.7	30.2
Worst Pair	12	12	12	12
PS NEXT (dB)	14.9	16.3	14.9	16.3
Freq. (MHz)	80.5	39.5	80.5	97.8
Limit (dB)	28.7	34.0	28.7	27.2



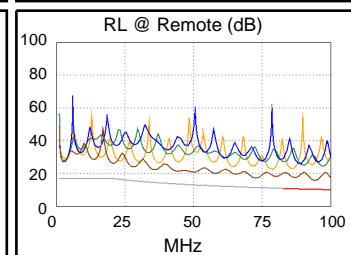
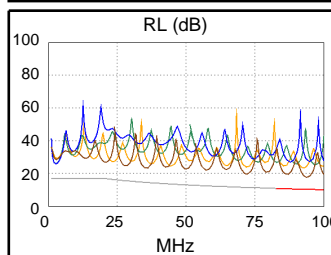
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	16.3	16.7	16.3	17.1
Freq. (MHz)	92.5	90.5	92.5	97.8
Limit (dB)	18.1	18.3	18.1	17.6
Worst Pair	78	12	78	12
PS ACR-F (dB)	19.2	18.7	19.2	18.7
Freq. (MHz)	92.5	92.5	92.5	92.5
Limit (dB)	15.1	15.1	15.1	15.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	21.1	22.6	30.7	34.1
Freq. (MHz)	4.5	3.9	80.0	97.8
Limit (dB)	48.0	49.4	10.5	6.5
Worst Pair	45	45	12	78
PS ACR-N (dB)	22.9	24.0	37.0	36.7
Freq. (MHz)	4.5	4.5	97.8	98.3
Limit (dB)	45.0	45.0	3.5	3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	7.3	5.4	7.3	5.4
Freq. (MHz)	93.8	94.0	93.8	94.0
Limit (dB)	10.3	10.3	10.3	10.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C5EUTP-15M-5

Date / Time: 10/15/2018 10:51:43 AM

Headroom 13.9 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

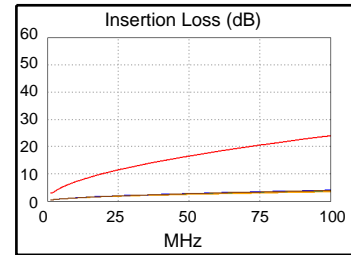
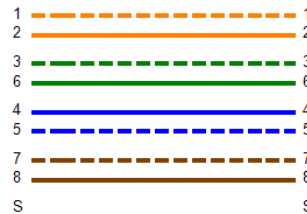
Length (ft), Limit 328	[Pair 78]	48
Prop. Delay (ns), Limit 555	[Pair 36]	74
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	2.8
Insertion Loss Margin (dB)	[Pair 45]	20.0
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



48 ft

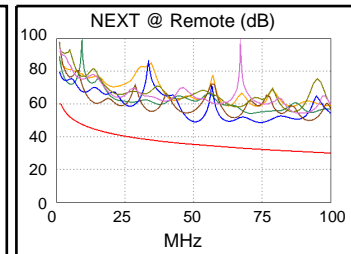
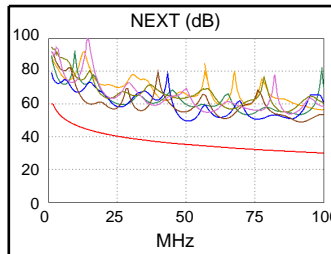


Wire Map (T568B)
PASS

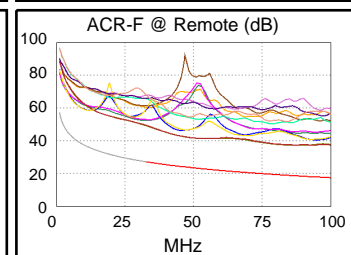
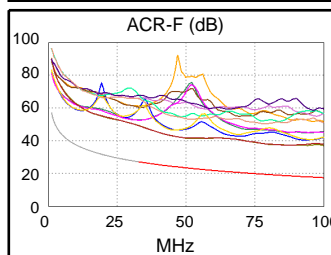


Worst Case Margin Worst Case Value

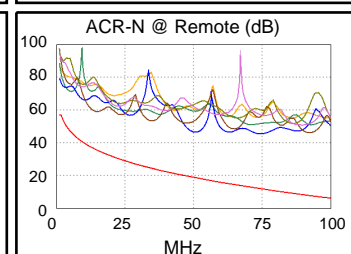
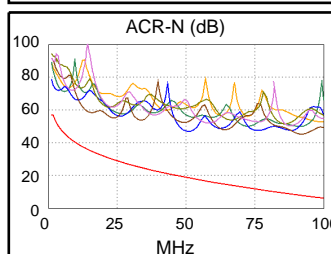
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
NEXT (dB)	14.4	13.9	18.2	16.4
Freq. (MHz)	50.5	50.3	91.3	74.0
Limit (dB)	35.2	35.2	30.8	32.3
Worst Pair	12	12	45	12
PS NEXT (dB)	16.8	16.5	19.4	18.1
Freq. (MHz)	50.5	50.3	90.5	73.5
Limit (dB)	32.2	32.2	27.8	29.4



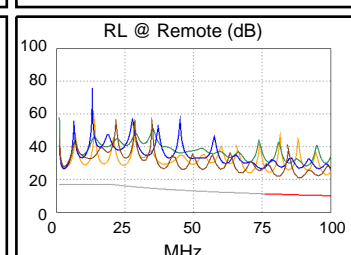
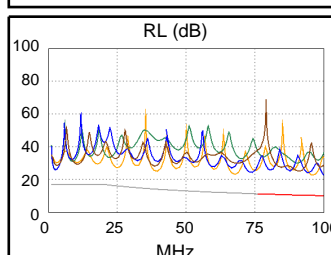
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	18.1	18.2	19.1	18.5
Freq. (MHz)	49.5	49.0	94.0	87.3
Limit (dB)	23.5	23.6	17.9	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.6	20.9	21.3	20.9
Freq. (MHz)	79.8	78.0	94.0	87.0
Limit (dB)	16.4	16.6	14.9	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
ACR-N (dB)	18.3	19.7	37.4	33.5
Freq. (MHz)	1.6	1.8	91.8	74.0
Limit (dB)	56.9	56.4	7.8	12.0
Worst Pair	12	12	45	45
PS ACR-N (dB)	20.5	21.2	38.4	39.2
Freq. (MHz)	1.6	1.8	90.5	91.8
Limit (dB)	53.9	53.4	5.1	4.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	78
RL (dB)	12.4	10.5	12.4	10.5
Freq. (MHz)	95.8	88.3	95.8	88.5
Limit (dB)	10.2	10.6	10.2	10.5



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-0.3M-1

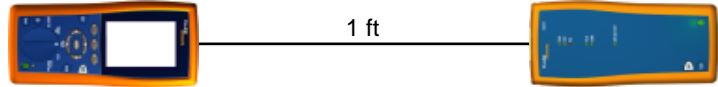
Date / Time: 10/15/2018 10:52:37 AM
Headroom 26.1 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

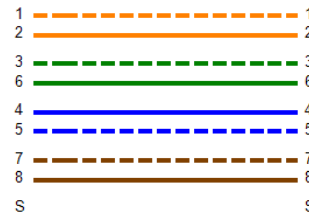
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.2
Insertion Loss Margin (dB)	[Pair 12]	35.9
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

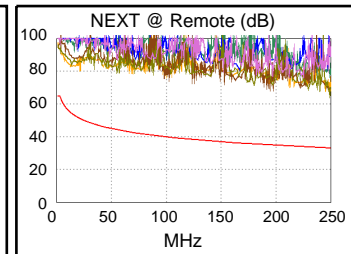
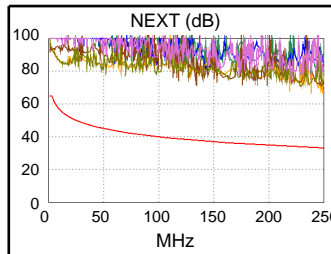


Wire Map (T568B)
PASS

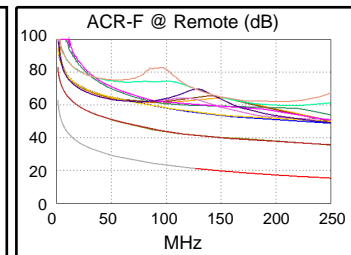
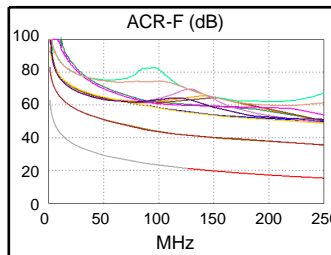


Worst Case Margin Worst Case Value

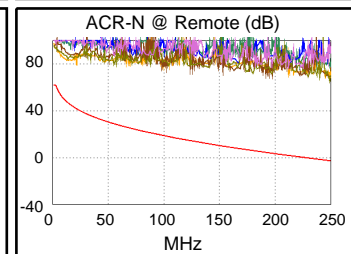
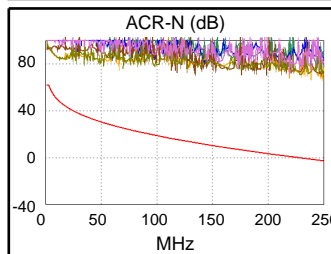
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	12-36	36-78
NEXT (dB)	26.1	27.1	34.4	32.3
Freq. (MHz)	1.3	3.0	248.5	249.0
Limit (dB)	65.0	65.0	33.2	33.1
Worst Pair	36	36	36	36
PS NEXT (dB)	26.4	27.2	35.6	32.6
Freq. (MHz)	3.3	3.0	248.5	249.0
Limit (dB)	62.0	62.0	30.2	30.2



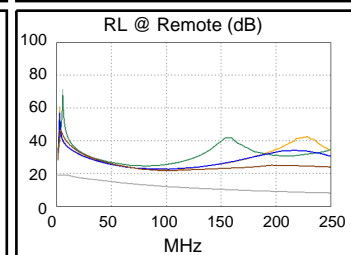
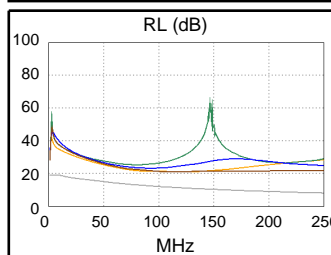
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	20.1	20.1	20.2	20.2
Freq. (MHz)	109.5	109.5	248.5	248.5
Limit (dB)	22.5	22.5	15.4	15.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	22.7	22.7	22.9	23.1
Freq. (MHz)	1.1	1.0	248.5	249.5
Limit (dB)	59.2	60.3	12.4	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	12-36	36-78
ACR-N (dB)	29.1	30.6	70.3	68.1
Freq. (MHz)	1.3	3.0	248.5	249.0
Limit (dB)	62.0	61.5	-2.7	-2.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.9	30.6	71.4	68.5
Freq. (MHz)	2.1	1.9	248.5	249.0
Limit (dB)	59.0	59.0	-5.6	-5.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	78
RL (dB)	8.6	8.9	8.7	9.6
Freq. (MHz)	82.0	1.0	103.0	102.5
Limit (dB)	12.9	19.0	11.9	11.9



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-0.3M-2

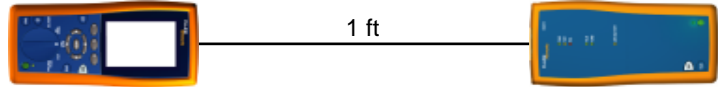
Date / Time: 10/15/2018 10:53:05 AM
Headroom 27.5 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

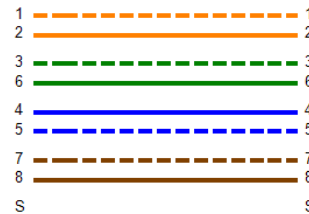
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.2
Insertion Loss Margin (dB)	[Pair 12]	35.9
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

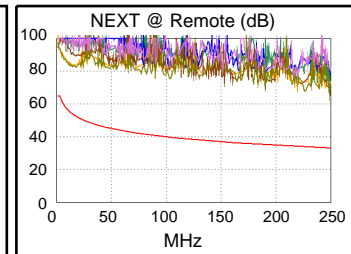
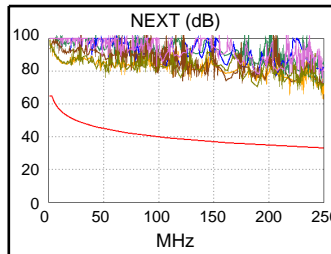


Wire Map (T568B)
PASS

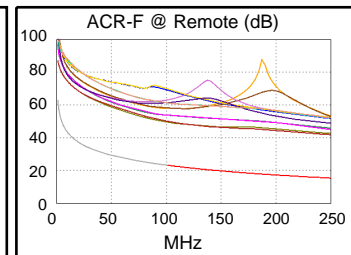
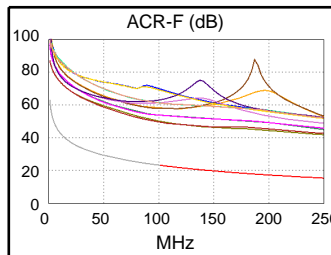


Worst Case Margin Worst Case Value

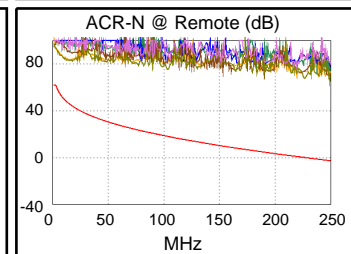
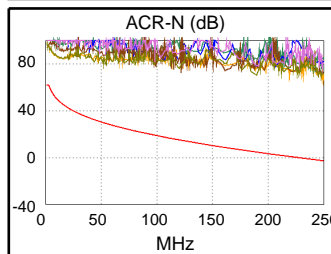
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	12-36	36-78
NEXT (dB)	27.7	27.5	33.2	32.2
Freq. (MHz)	1.4	2.9	249.5	249.0
Limit (dB)	65.0	65.0	33.1	33.1
Worst Pair	36	36	36	36
PS NEXT (dB)	26.9	27.3	34.3	33.0
Freq. (MHz)	3.6	2.9	249.5	249.0
Limit (dB)	61.2	62.0	30.2	30.2



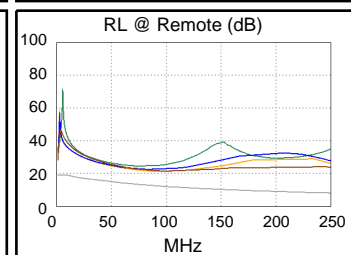
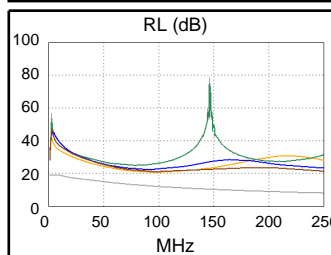
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	26.1	26.1	26.5	26.5
Freq. (MHz)	106.0	106.0	248.5	248.5
Limit (dB)	22.8	22.8	15.4	15.4
Worst Pair	45	36	45	45
PS ACR-F (dB)	26.5	27.3	34.3	33.0
Freq. (MHz)	3.6	2.9	249.5	249.0
Limit (dB)	60.3	60.3	12.4	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	12-36	36-78
ACR-N (dB)	30.7	30.9	69.1	68.0
Freq. (MHz)	1.4	2.9	249.5	249.0
Limit (dB)	62.0	61.6	-2.8	-2.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	30.7	30.7	70.2	68.9
Freq. (MHz)	3.6	2.3	249.5	249.0
Limit (dB)	57.4	58.9	-5.7	-5.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	8.2	8.7	8.6	9.3
Freq. (MHz)	73.3	71.5	97.0	99.5
Limit (dB)	13.4	13.5	12.1	12.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-0.3M-3

Date / Time: 10/15/2018 10:53:27 AM

Headroom 26.9 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

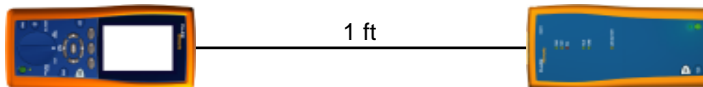
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.2
Insertion Loss Margin (dB)	[Pair 12]	35.9
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

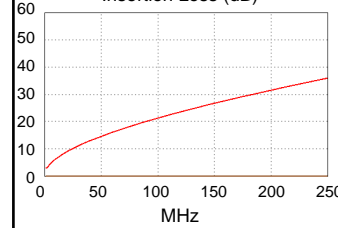


Wire Map (T568B)

PASS

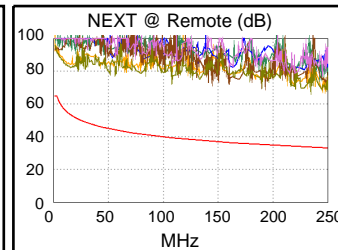
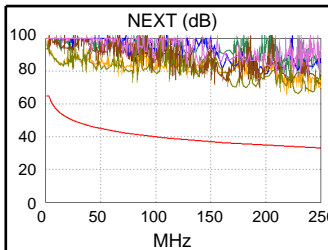


Insertion Loss (dB)

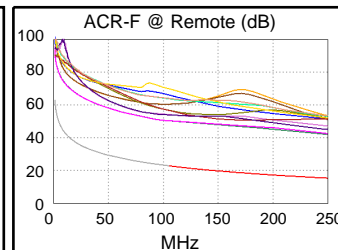
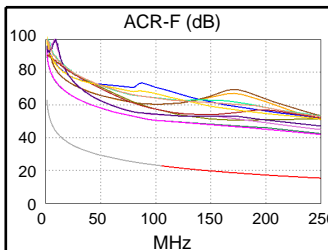


Worst Case Margin Worst Case Value

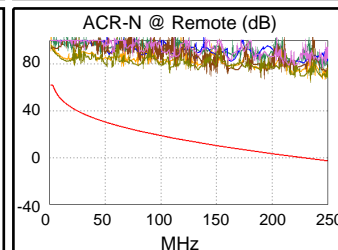
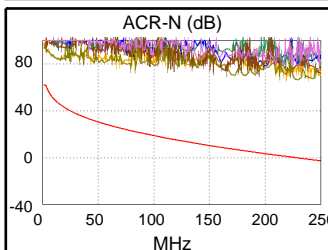
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-78	12-36
NEXT (dB)	27.2	26.9	32.7	35.0
Freq. (MHz)	3.6	3.4	229.5	245.0
Limit (dB)	63.7	64.2	33.8	33.3
Worst Pair	36	36	36	36
PS NEXT (dB)	26.6	25.5	34.7	35.0
Freq. (MHz)	3.9	3.4	231.5	247.5
Limit (dB)	60.8	61.7	30.7	30.2



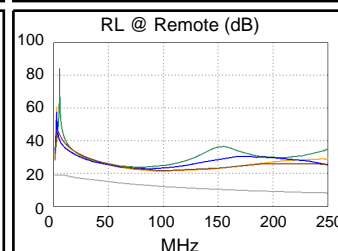
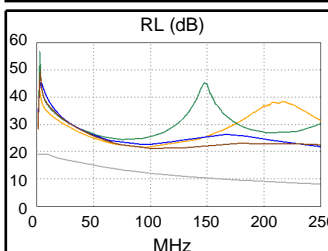
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	26.7	26.7	26.7	26.7
Freq. (MHz)	247.5	247.5	249.5	249.5
Limit (dB)	15.4	15.4	15.3	15.3
Worst Pair	45	45	12	45
PS ACR-F (dB)	28.5	28.2	28.9	29.0
Freq. (MHz)	1.0	1.1	249.5	249.5
Limit (dB)	60.3	59.2	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-78	12-36
ACR-N (dB)	30.7	30.4	66.9	70.6
Freq. (MHz)	2.0	2.1	229.5	245.0
Limit (dB)	62.0	62.0	-0.4	-2.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	30.5	29.2	69.0	70.7
Freq. (MHz)	2.0	3.4	231.5	247.5
Limit (dB)	59.0	58.0	-3.6	-5.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
RL (dB)	8.9	9.0	9.1	9.2
Freq. (MHz)	83.8	73.3	103.0	101.0
Limit (dB)	12.8	13.4	11.9	12.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-0.3M-4

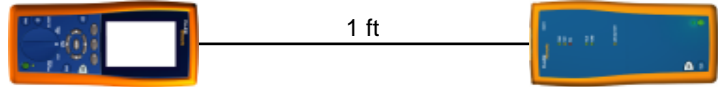
Date / Time: 10/15/2018 10:53:41 AM
Headroom 26.4 dB (NEXT 36-78)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

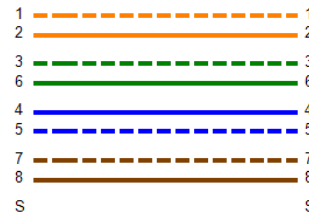
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.2
Insertion Loss Margin (dB)	[Pair 12]	35.9
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

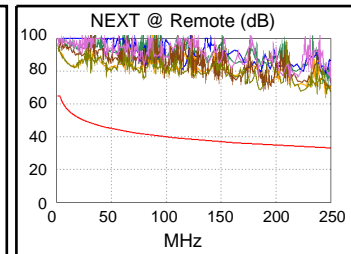
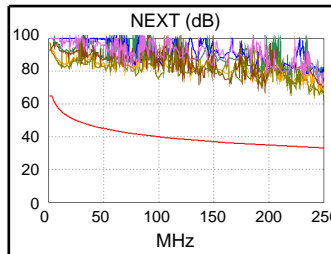


Wire Map (T568B)
PASS

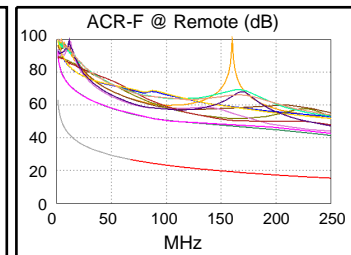
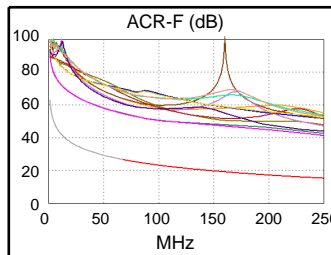


Worst Case Margin Worst Case Value

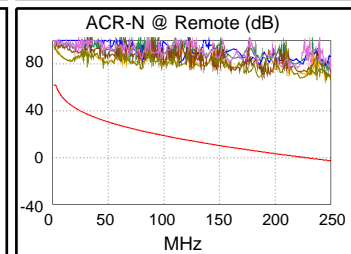
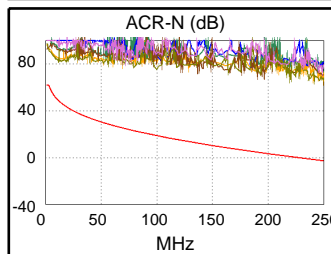
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	12-36
NEXT (dB)	26.4	26.5	32.5	32.2
Freq. (MHz)	3.3	2.9	249.5	245.0
Limit (dB)	64.5	65.0	33.1	33.3
Worst Pair	36	36	36	36
PS NEXT (dB)	26.0	25.5	32.1	33.7
Freq. (MHz)	3.3	3.6	249.5	245.0
Limit (dB)	62.0	61.2	30.2	30.3



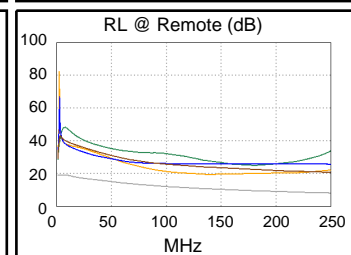
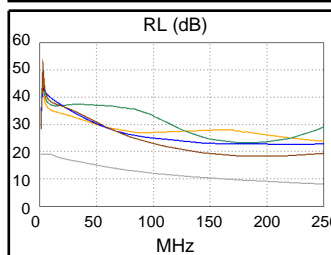
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	26.1	26.1	26.1	26.1
Freq. (MHz)	248.5	248.5	250.0	250.0
Limit (dB)	15.4	15.4	15.3	15.3
Worst Pair	36	45	12	45
PS ACR-F (dB)	27.3	26.8	28.4	28.6
Freq. (MHz)	1.0	1.0	250.0	250.0
Limit (dB)	60.3	60.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	12-36
ACR-N (dB)	30.0	29.9	68.4	67.8
Freq. (MHz)	3.3	2.9	249.5	245.0
Limit (dB)	60.9	61.6	-2.8	-2.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.6	29.3	68.0	69.2
Freq. (MHz)	3.3	3.6	249.5	245.0
Limit (dB)	58.4	57.4	-5.7	-5.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
RL (dB)	8.8	8.6	9.0	8.8
Freq. (MHz)	167.5	130.0	193.5	148.0
Limit (dB)	9.8	10.9	9.1	10.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-0.3M-5

Date / Time: 10/15/2018 10:53:56 AM
Headroom 26.5 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

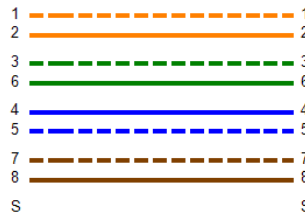
Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	1
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	35.9
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



1 ft

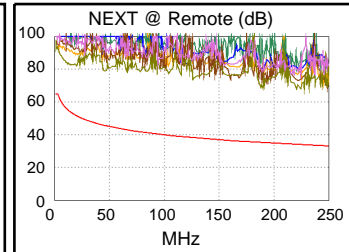
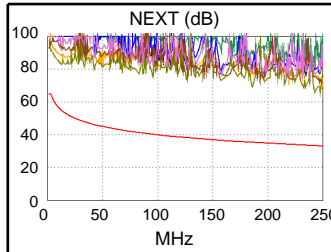


Wire Map (T568B)
PASS

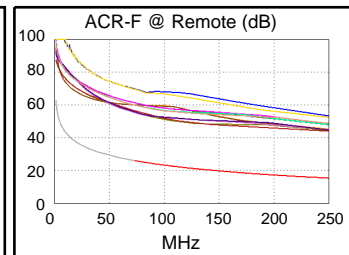
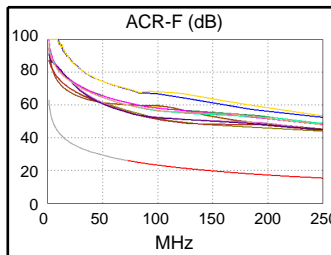


Worst Case Margin Worst Case Value

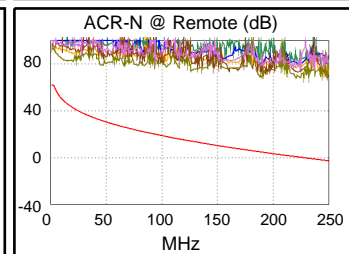
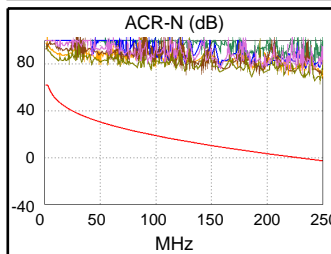
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	26.6	26.5	32.5	33.2
Freq. (MHz)	2.8	2.9	247.5	223.5
Limit (dB)	65.0	65.0	33.2	34.0
Worst Pair	36	36	36	36
PS NEXT (dB)	27.4	26.7	34.2	34.3
Freq. (MHz)	2.8	3.1	247.5	248.5
Limit (dB)	62.0	62.0	30.2	30.2



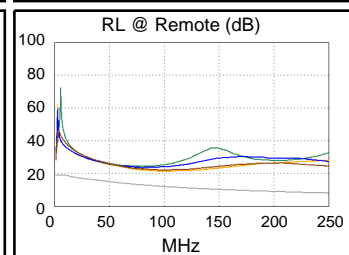
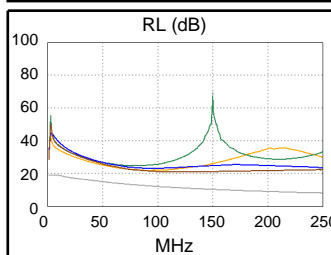
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	27.5	27.5	28.7	28.7
Freq. (MHz)	116.0	116.0	248.0	248.0
Limit (dB)	22.0	22.0	15.4	15.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	25.6	26.0	27.6	27.5
Freq. (MHz)	1.0	1.0	248.5	248.5
Limit (dB)	60.3	60.3	12.4	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	30.0	29.9	68.2	66.9
Freq. (MHz)	2.8	2.9	247.5	223.5
Limit (dB)	61.6	61.6	-2.5	0.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	30.8	30.3	69.9	70.1
Freq. (MHz)	2.8	3.1	247.5	248.5
Limit (dB)	58.6	58.4	-5.5	-5.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	12
RL (dB)	8.8	9.0	9.0	9.2
Freq. (MHz)	87.5	1.0	105.0	96.3
Limit (dB)	12.6	19.0	11.8	12.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-0.5M-1

Date / Time: 10/15/2018 10:54:11 AM

Headroom 26.5 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

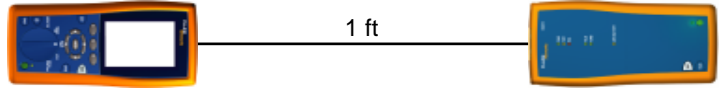
Main S/N: 1019229

Remote S/N: 1019230

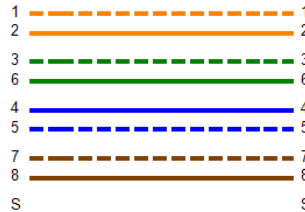
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	35.9
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

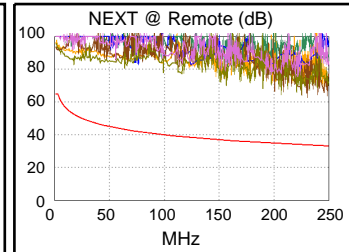
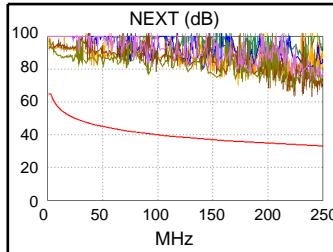


Wire Map (T568B)
PASS

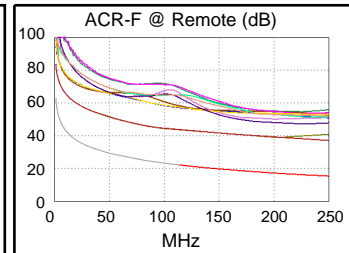
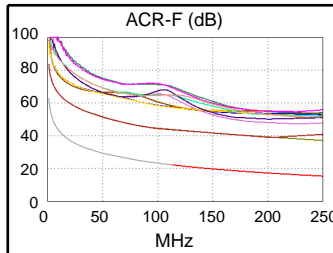


Worst Case Margin Worst Case Value

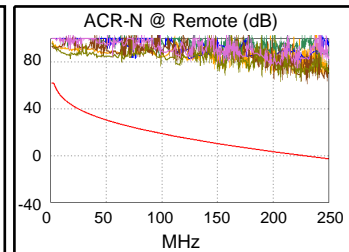
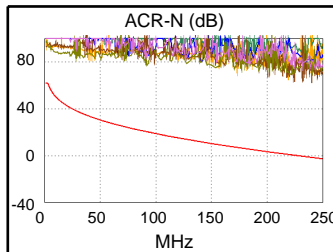
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	26.5	26.8	32.7	32.4
Freq. (MHz)	1.5	2.0	224.5	230.5
Limit (dB)	65.0	65.0	33.9	33.7
Worst Pair	36	36	36	36
PS NEXT (dB)	26.6	26.0	34.1	33.0
Freq. (MHz)	1.5	3.3	223.5	225.0
Limit (dB)	62.0	62.0	31.0	31.0



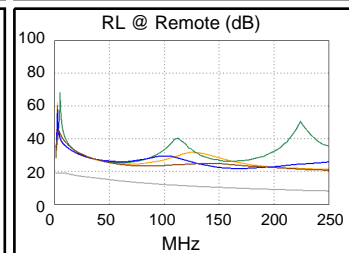
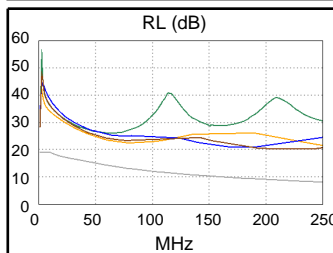
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	21.0	21.0	21.8	21.8
Freq. (MHz)	91.0	86.0	249.5	249.5
Limit (dB)	24.1	24.6	15.3	15.3
Worst Pair	36	45	45	36
PS ACR-F (dB)	22.9	23.0	24.5	24.3
Freq. (MHz)	1.1	1.1	246.0	246.0
Limit (dB)	59.2	59.2	12.4	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	29.5	29.8	66.4	66.6
Freq. (MHz)	1.5	2.0	224.5	230.5
Limit (dB)	62.0	62.0	0.2	-0.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.6	29.5	67.7	66.8
Freq. (MHz)	1.5	1.9	223.5	225.0
Limit (dB)	59.0	59.0	-2.6	-2.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	36	78	78
RL (dB)	9.1	9.1	11.3	12.6
Freq. (MHz)	66.8	1.0	219.5	247.0
Limit (dB)	13.8	19.0	8.6	8.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-0.5M-2

Date / Time: 10/15/2018 10:54:29 AM

Headroom 26.8 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

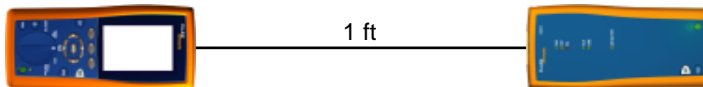
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	56.8
Limit (dB)	[Pair 12]	15.6



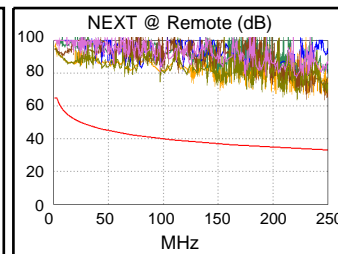
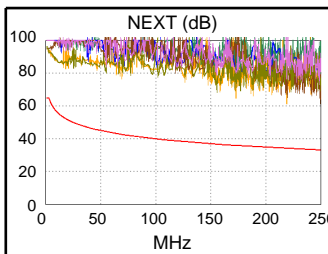
Wire Map (T568B)

PASS

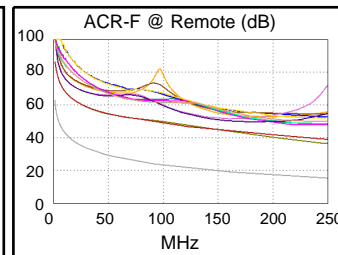
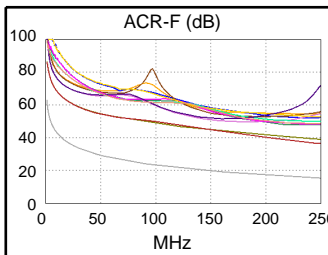


Worst Case Margin Worst Case Value

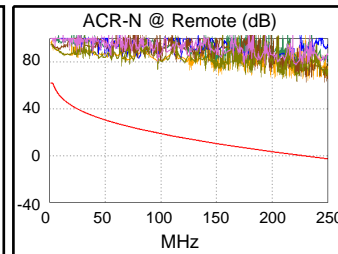
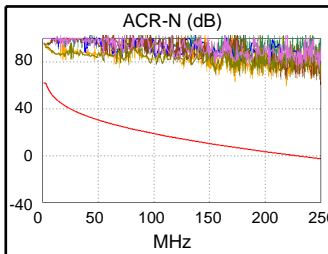
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-45	36-45
NEXT (dB)	27.6	26.8	31.5	32.3
Freq. (MHz)	2.8	3.0	249.5	250.0
Limit (dB)	65.0	65.0	33.1	33.1
Worst Pair	36	36	36	36
PS NEXT (dB)	26.8	26.1	32.4	32.9
Freq. (MHz)	3.5	3.0	219.0	222.0
Limit (dB)	61.5	62.0	31.2	31.1



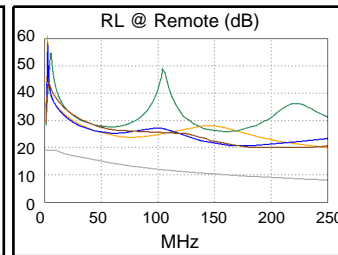
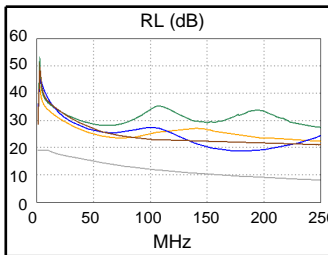
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	21.1	21.1	21.2	21.2
Freq. (MHz)	237.0	237.0	249.0	249.0
Limit (dB)	15.8	15.8	15.3	15.3
Worst Pair	36	45	36	45
PS ACR-F (dB)	24.0	23.6	24.1	23.7
Freq. (MHz)	237.0	237.0	249.0	249.0
Limit (dB)	12.8	12.8	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-45	36-45
ACR-N (dB)	31.0	30.3	67.4	68.2
Freq. (MHz)	2.8	3.0	249.5	250.0
Limit (dB)	61.6	61.5	-2.8	-2.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	30.6	29.6	65.7	66.5
Freq. (MHz)	2.9	3.0	219.0	222.0
Limit (dB)	58.6	58.5	-2.1	-2.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	78
RL (dB)	9.2	9.2	9.2	10.5
Freq. (MHz)	167.5	1.0	177.0	198.5
Limit (dB)	9.8	19.0	9.5	9.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-0.5M-3

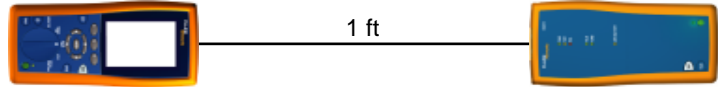
Date / Time: 10/15/2018 10:54:44 AM
Headroom 26.3 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

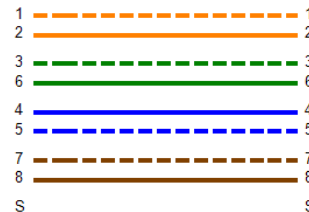
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	16.0
Frequency (MHz)	[Pair 12]	59.8
Limit (dB)	[Pair 12]	16.1

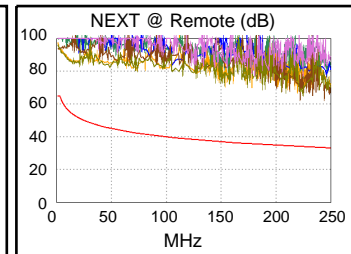
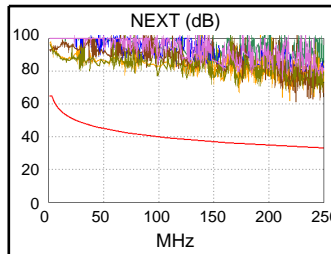


Wire Map (T568B)
PASS

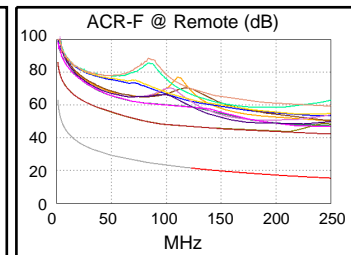
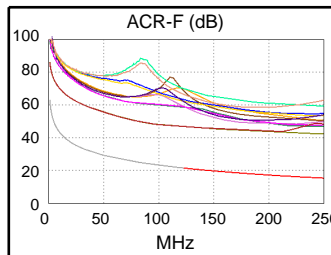


Worst Case Margin Worst Case Value

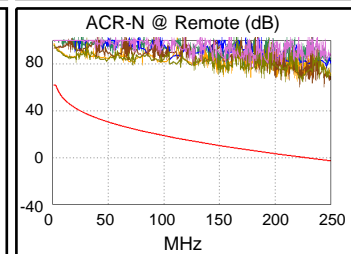
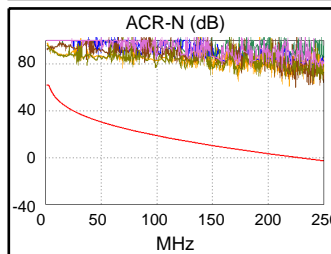
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	26.3	27.7	30.8	31.1
Freq. (MHz)	1.9	1.5	224.5	222.0
Limit (dB)	65.0	65.0	33.9	34.0
Worst Pair	36	36	36	36
PS NEXT (dB)	26.6	26.8	31.9	31.4
Freq. (MHz)	3.9	2.9	224.5	224.5
Limit (dB)	60.8	62.0	31.0	31.0



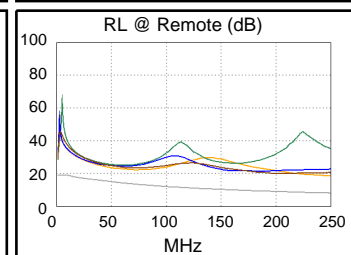
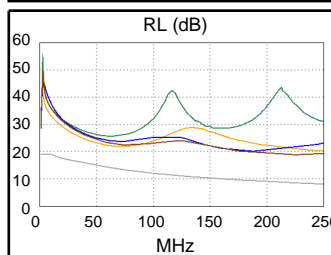
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	24.6	24.6	25.2	25.2
Freq. (MHz)	95.5	95.5	206.0	206.0
Limit (dB)	23.7	23.7	17.0	17.0
Worst Pair	36	45	45	36
PS ACR-F (dB)	25.3	25.2	27.2	26.9
Freq. (MHz)	1.0	1.1	211.0	207.5
Limit (dB)	60.3	59.2	13.8	13.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	29.3	30.7	64.5	64.6
Freq. (MHz)	1.9	1.5	224.5	222.0
Limit (dB)	62.0	62.0	0.2	0.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.7	30.2	65.7	65.2
Freq. (MHz)	1.9	2.9	224.5	224.5
Limit (dB)	59.0	58.6	-2.8	-2.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	12
RL (dB)	8.0	8.3	10.0	10.4
Freq. (MHz)	53.0	55.5	214.5	247.5
Limit (dB)	14.8	14.6	8.7	8.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-0.5M-4

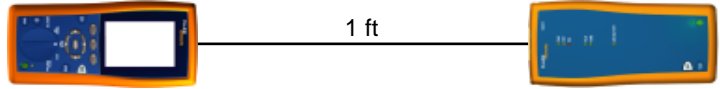
Date / Time: 10/15/2018 10:54:58 AM
Headroom 26.3 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

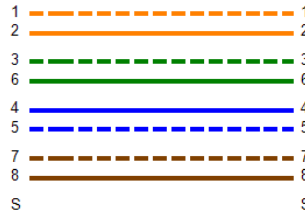
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	16.0
Frequency (MHz)	[Pair 12]	59.8
Limit (dB)	[Pair 12]	16.1

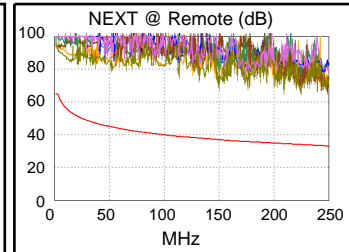
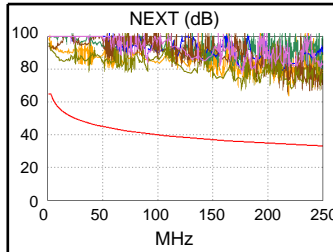


Wire Map (T568B)
PASS

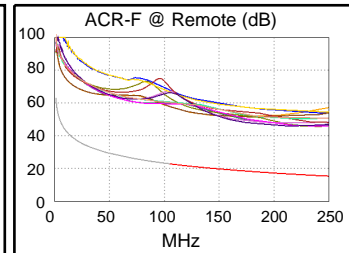
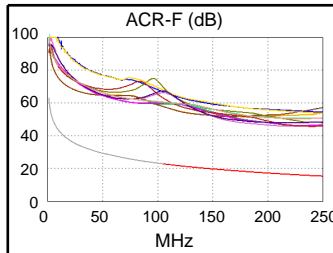


Worst Case Margin Worst Case Value

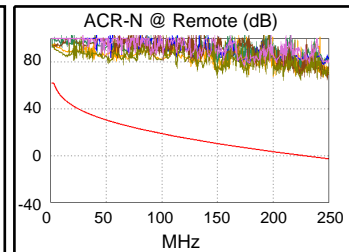
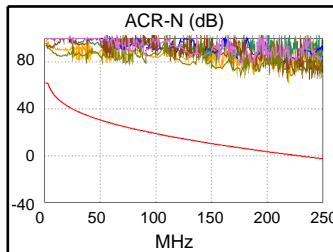
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	12-36	36-78
NEXT (dB)	26.7	26.3	32.9	31.9
Freq. (MHz)	2.1	2.6	219.0	224.5
Limit (dB)	65.0	65.0	34.1	33.9
Worst Pair	36	36	36	36
PS NEXT (dB)	26.2	25.8	34.0	32.5
Freq. (MHz)	3.5	3.0	219.0	224.5
Limit (dB)	61.5	62.0	31.2	31.0



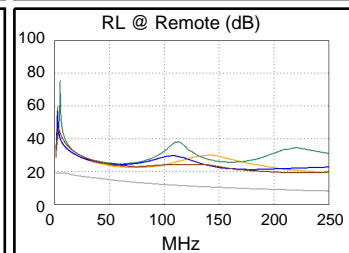
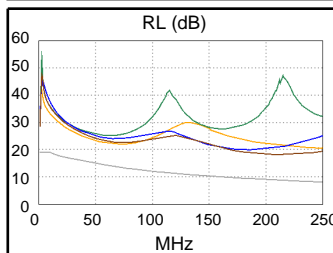
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	45-36	36-45
ACR-F (dB)	28.9	29.0	29.9	29.9
Freq. (MHz)	199.5	199.5	237.5	237.5
Limit (dB)	17.3	17.3	15.7	15.7
Worst Pair	36	36	45	45
PS ACR-F (dB)	28.4	29.1	30.2	29.4
Freq. (MHz)	1.0	1.0	236.0	237.5
Limit (dB)	60.3	60.3	12.8	12.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	12-36	36-78
ACR-N (dB)	29.7	29.6	66.1	65.6
Freq. (MHz)	2.1	2.6	219.0	224.5
Limit (dB)	62.0	61.7	0.9	0.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.6	29.3	67.3	66.3
Freq. (MHz)	2.5	3.0	219.0	224.5
Limit (dB)	58.8	58.5	-2.1	-2.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	78
RL (dB)	8.1	8.5	9.2	10.4
Freq. (MHz)	53.0	51.5	209.5	215.0
Limit (dB)	14.8	14.9	8.8	8.7



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-0.5M-5

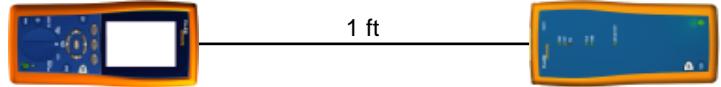
Date / Time: 10/15/2018 10:55:13 AM
Headroom 26.2 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

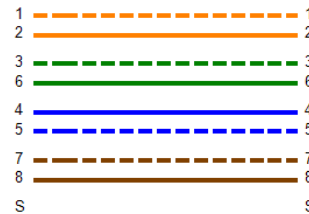
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	1
Prop. Delay (ns), Limit 555	[Pair 12]	2
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	26.1
Frequency (MHz)	[Pair 12]	145.0
Limit (dB)	[Pair 12]	26.2

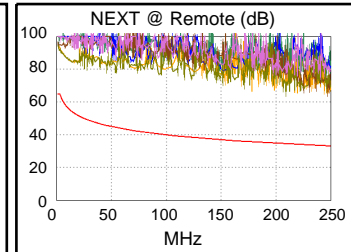
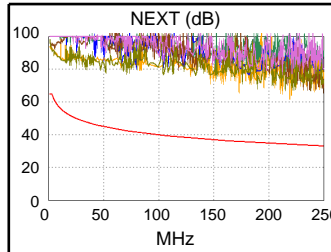


Wire Map (T568B)
PASS

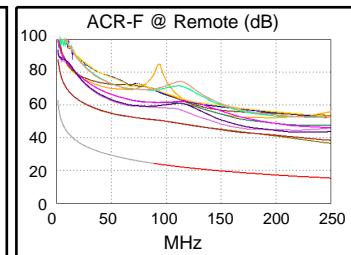
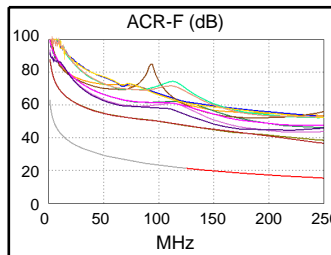


Worst Case Margin Worst Case Value

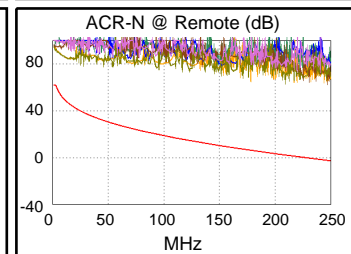
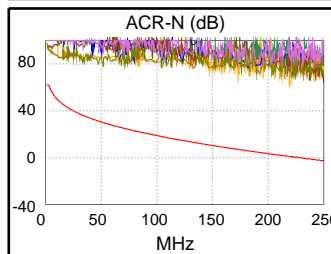
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	36-78
NEXT (dB)	26.2	26.4	30.7	32.0
Freq. (MHz)	2.8	2.3	219.0	209.0
Limit (dB)	65.0	65.0	34.1	34.5
Worst Pair	36	36	36	36
PS NEXT (dB)	25.2	25.8	33.3	34.5
Freq. (MHz)	3.4	3.4	219.0	249.5
Limit (dB)	61.7	61.7	31.2	30.2



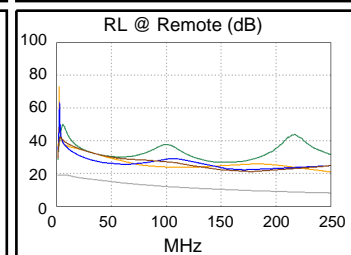
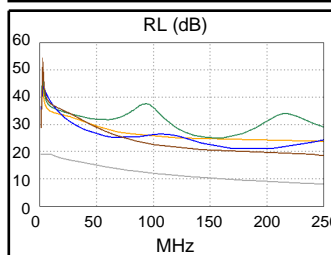
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	21.3	21.3	21.3	21.3
Freq. (MHz)	248.5	248.5	248.5	248.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	23.7	23.9	23.7	23.9
Freq. (MHz)	234.0	237.0	248.5	248.5
Limit (dB)	12.9	12.8	12.4	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	36-78
ACR-N (dB)	29.6	29.5	63.9	64.3
Freq. (MHz)	2.8	2.3	219.0	209.0
Limit (dB)	61.6	61.9	0.9	2.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	28.9	29.3	66.6	70.4
Freq. (MHz)	3.4	2.4	219.0	249.5
Limit (dB)	58.0	58.9	-2.1	-5.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	12
RL (dB)	9.6	9.3	10.4	13.0
Freq. (MHz)	1.0	1.0	250.0	249.0
Limit (dB)	19.0	19.0	8.0	8.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-1M-1

Date / Time: 10/15/2018 10:57:12 AM

Headroom 25.6 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

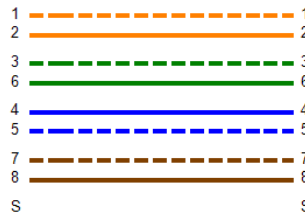
Length (ft), Limit 328	[Pair 78]	3
Prop. Delay (ns), Limit 555	[Pair 12]	5
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	0.4
Insertion Loss Margin (dB)	[Pair 12]	35.7
Frequency (MHz)	[Pair 12]	249.0
Limit (dB)	[Pair 12]	35.9



3 ft

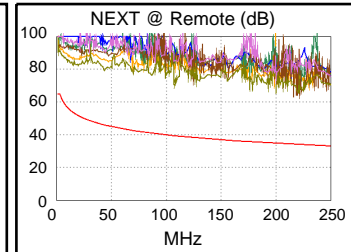
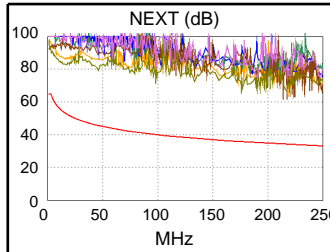


Wire Map (T568B)
PASS

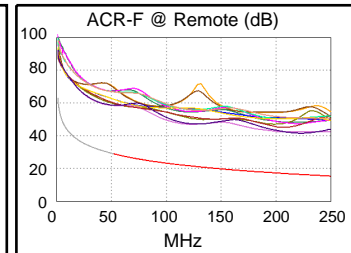
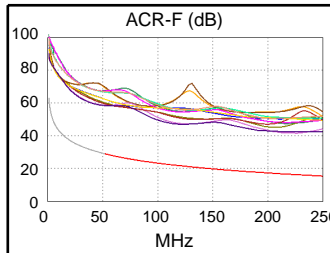


Worst Case Margin Worst Case Value

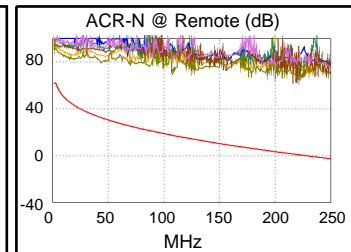
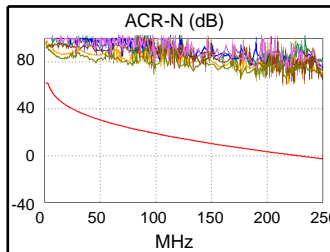
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
NEXT (dB)	25.8	25.6	30.4	31.3
Freq. (MHz)	3.3	2.6	214.0	221.5
Limit (dB)	64.5	65.0	34.3	34.0
Worst Pair	36	36	36	36
PS NEXT (dB)	25.8	25.3	30.8	31.6
Freq. (MHz)	3.4	3.1	217.5	221.5
Limit (dB)	61.7	62.0	31.2	31.1



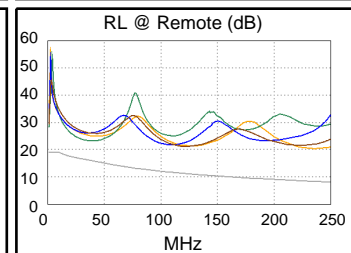
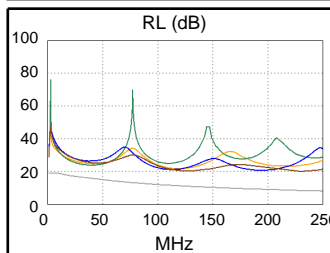
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	78-36
ACR-F (dB)	25.0	25.1	25.0	25.2
Freq. (MHz)	216.0	216.0	218.5	221.5
Limit (dB)	16.6	16.6	16.5	16.3
Worst Pair	36	36	78	36
PS ACR-F (dB)	26.1	26.3	27.1	26.3
Freq. (MHz)	1.0	206.5	218.5	209.5
Limit (dB)	60.3	14.0	13.5	13.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-45
ACR-N (dB)	29.4	28.9	63.1	64.7
Freq. (MHz)	1.9	2.6	214.0	221.5
Limit (dB)	62.0	61.7	1.5	0.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.5	28.9	63.8	65.0
Freq. (MHz)	3.4	3.1	217.5	221.5
Limit (dB)	58.0	58.4	-1.9	-2.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	12
RL (dB)	7.6	7.0	11.3	11.9
Freq. (MHz)	35.3	32.3	220.5	234.5
Limit (dB)	16.3	16.5	8.6	8.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-1M-2

Date / Time: 10/15/2018 10:57:32 AM

Headroom 25.8 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

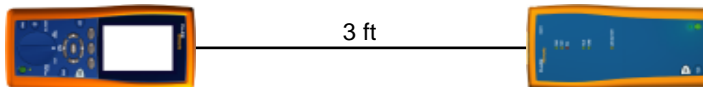
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	3
Prop. Delay (ns), Limit 555	[Pair 12]	5
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	0.4
Insertion Loss Margin (dB)	[Pair 78]	33.3
Frequency (MHz)	[Pair 78]	221.5
Limit (dB)	[Pair 78]	33.5

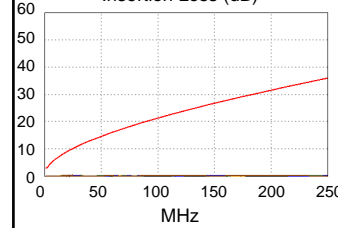


Wire Map (T568B)

PASS

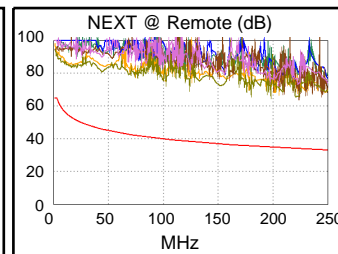
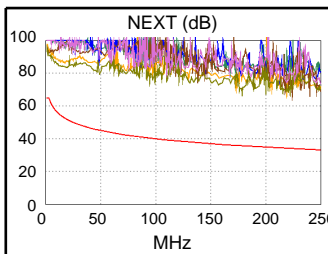


Insertion Loss (dB)

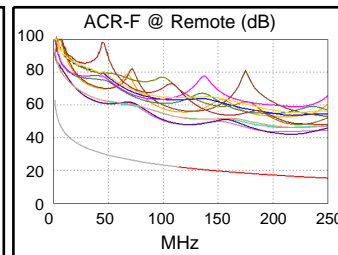
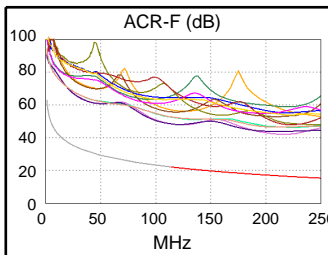


Worst Case Margin Worst Case Value

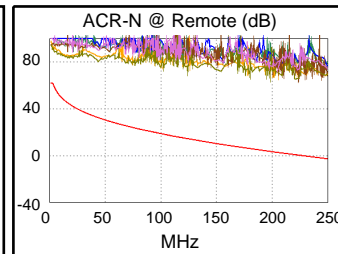
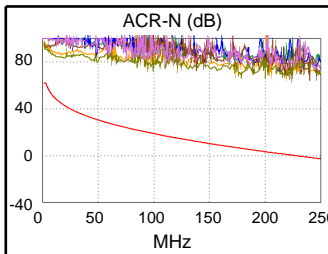
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-78
NEXT (dB)	25.9	25.8	32.7	31.6
Freq. (MHz)	2.8	2.5	224.0	220.5
Limit (dB)	65.0	65.0	33.9	34.1
Worst Pair	36	36	36	36
PS NEXT (dB)	25.6	25.8	33.5	31.8
Freq. (MHz)	3.4	2.9	224.0	223.5
Limit (dB)	61.7	62.0	31.0	31.0



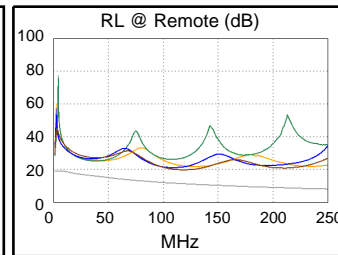
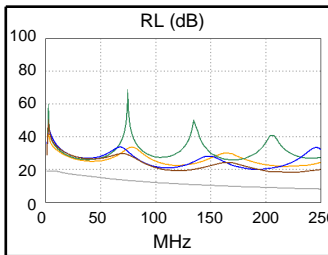
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	78-36
ACR-F (dB)	25.3	25.4	25.4	25.5
Freq. (MHz)	209.0	209.0	214.5	214.5
Limit (dB)	16.9	16.9	16.6	16.6
Worst Pair	78	36	78	36
PS ACR-F (dB)	26.8	27.4	26.9	27.4
Freq. (MHz)	209.0	209.0	218.0	216.5
Limit (dB)	13.9	13.9	13.5	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-78
ACR-N (dB)	29.3	29.0	66.4	64.8
Freq. (MHz)	2.8	2.5	224.0	220.5
Limit (dB)	61.6	61.8	0.2	0.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.3	29.2	67.1	65.3
Freq. (MHz)	3.4	2.5	224.0	223.5
Limit (dB)	58.0	58.8	-2.7	-2.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	7.9	8.3	9.3	8.3
Freq. (MHz)	112.5	113.5	214.0	115.5
Limit (dB)	11.5	11.5	8.7	11.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-1M-3

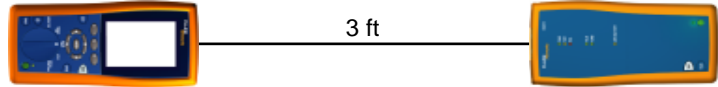
Date / Time: 10/15/2018 10:57:48 AM
Headroom 24.9 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

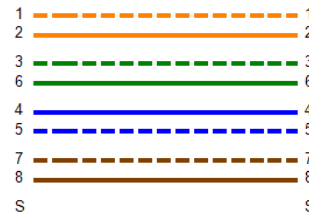
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	3
Prop. Delay (ns), Limit 555	[Pair 12]	5
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	0.4
Insertion Loss Margin (dB)	[Pair 12]	31.3
Frequency (MHz)	[Pair 12]	199.5
Limit (dB)	[Pair 12]	31.5

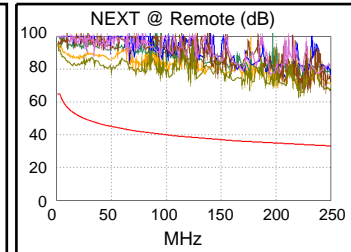
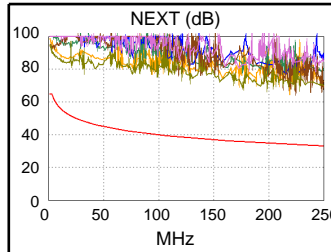


Wire Map (T568B)
PASS

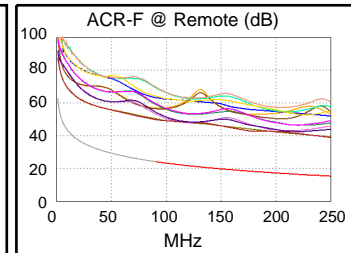
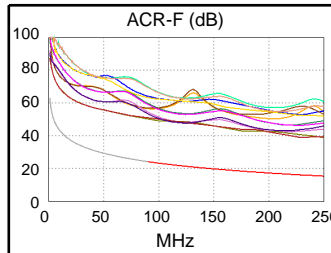


Worst Case Margin Worst Case Value

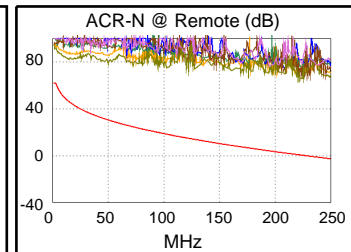
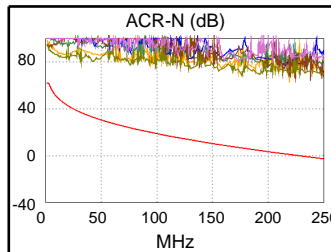
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-78
NEXT (dB)	25.4	24.9	33.3	30.8
Freq. (MHz)	2.9	2.9	224.5	222.0
Limit (dB)	65.0	65.0	33.9	34.0
Worst Pair	36	36	36	36
PS NEXT (dB)	25.8	25.9	34.8	31.4
Freq. (MHz)	3.3	2.9	248.0	222.0
Limit (dB)	62.0	62.0	30.2	31.1



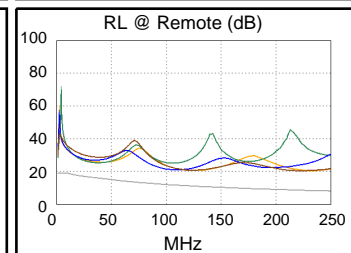
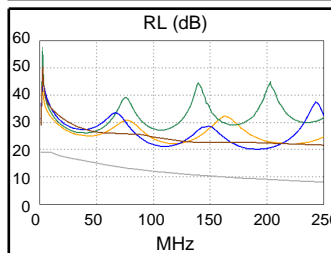
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	22.8	22.9	23.6	23.6
Freq. (MHz)	221.0	221.0	250.0	250.0
Limit (dB)	16.4	16.4	15.3	15.3
Worst Pair	36	45	36	36
PS ACR-F (dB)	24.1	25.0	24.1	25.3
Freq. (MHz)	221.0	221.0	221.0	250.0
Limit (dB)	13.4	13.4	13.4	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-78
ACR-N (dB)	28.8	28.3	67.0	64.2
Freq. (MHz)	2.9	2.9	224.5	222.0
Limit (dB)	61.6	61.6	0.2	0.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.4	29.3	70.5	64.9
Freq. (MHz)	3.0	2.9	248.0	222.0
Limit (dB)	58.5	58.6	-5.6	-2.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	36	45	78
RL (dB)	8.9	9.0	10.8	11.7
Freq. (MHz)	36.8	32.0	189.0	219.5
Limit (dB)	16.2	16.5	9.2	8.6



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-1M-4

Date / Time: 10/15/2018 10:58:03 AM

Headroom 26.3 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

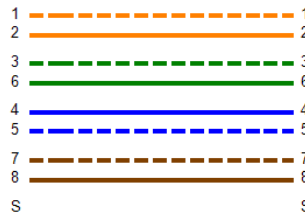
Length (ft), Limit 328	[Pair 12]	3
Prop. Delay (ns), Limit 555	[Pair 12]	5
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	31.3
Frequency (MHz)	[Pair 12]	199.5
Limit (dB)	[Pair 12]	31.5



3 ft

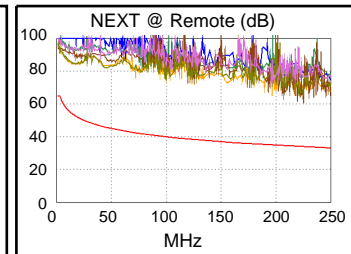
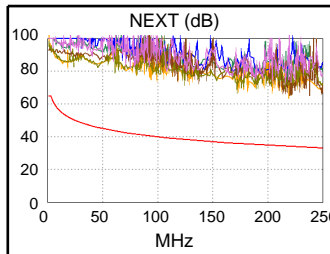


Wire Map (T568B)
PASS

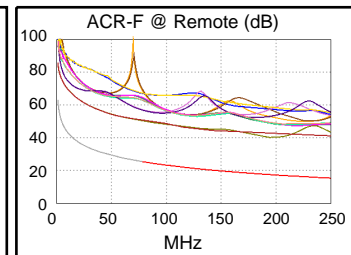
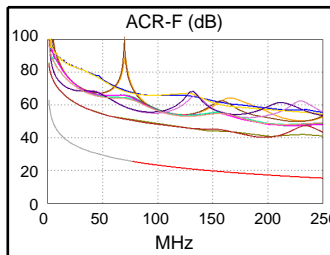


Worst Case Margin Worst Case Value

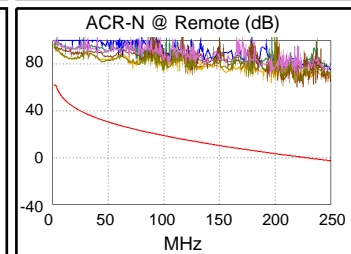
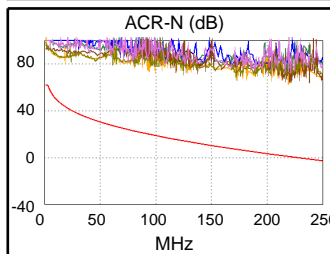
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-45
NEXT (dB)	26.3	27.3	33.4	28.5
Freq. (MHz)	1.3	2.9	249.0	225.0
Limit (dB)	65.0	65.0	33.1	33.9
Worst Pair	36	36	36	36
PS NEXT (dB)	26.3	26.0	33.6	30.4
Freq. (MHz)	3.4	2.9	249.0	224.5
Limit (dB)	61.7	62.0	30.2	31.0



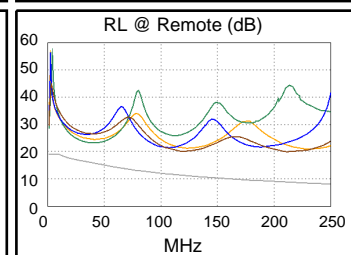
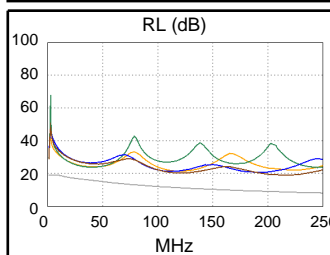
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	22.7	22.7	22.7	22.7
Freq. (MHz)	190.5	192.5	192.5	194.0
Limit (dB)	17.7	17.6	17.6	17.5
Worst Pair	36	45	45	45
PS ACR-F (dB)	24.5	24.5	25.2	24.8
Freq. (MHz)	1.0	1.0	199.5	199.5
Limit (dB)	60.3	60.3	14.3	14.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	29.3	30.6	69.1	62.2
Freq. (MHz)	1.3	2.1	249.0	225.0
Limit (dB)	62.0	62.0	-2.7	0.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.9	29.4	69.4	64.1
Freq. (MHz)	2.8	2.9	249.0	224.5
Limit (dB)	58.6	58.6	-5.7	-2.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	7.7	7.0	10.0	11.1
Freq. (MHz)	32.3	35.3	210.5	211.0
Limit (dB)	16.5	16.3	8.8	8.8



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-1M-5

Date / Time: 10/15/2018 10:58:17 AM

Headroom 25.7 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

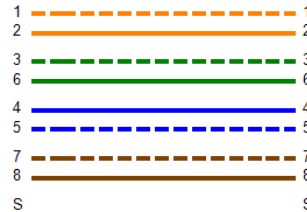
Length (ft), Limit 328	[Pair 78]	3
Prop. Delay (ns), Limit 555	[Pair 12]	5
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 36]	0.4
Insertion Loss Margin (dB)	[Pair 78]	32.6
Frequency (MHz)	[Pair 78]	215.0
Limit (dB)	[Pair 78]	32.9



3 ft

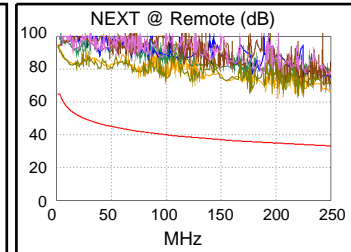
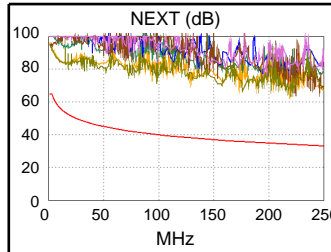


Wire Map (T568B)
PASS

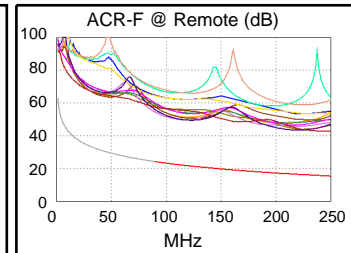
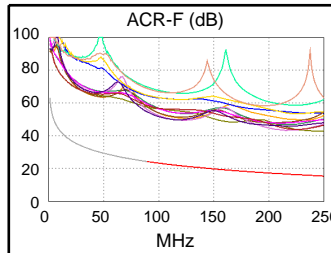


Worst Case Margin Worst Case Value

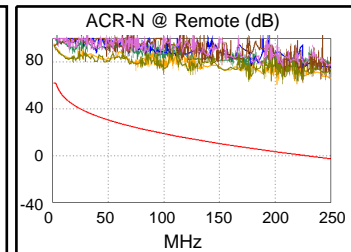
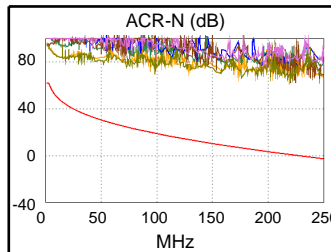
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	12-36
NEXT (dB)	25.7	25.8	31.2	30.7
Freq. (MHz)	2.9	2.8	219.0	201.5
Limit (dB)	65.0	65.0	34.1	34.7
Worst Pair	36	36	36	36
PS NEXT (dB)	25.7	25.6	31.1	31.4
Freq. (MHz)	2.9	3.6	220.0	219.5
Limit (dB)	62.0	61.2	31.1	31.1



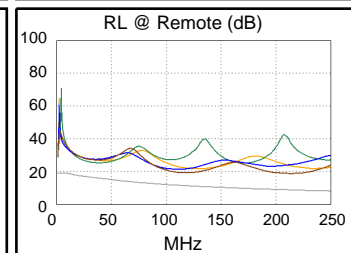
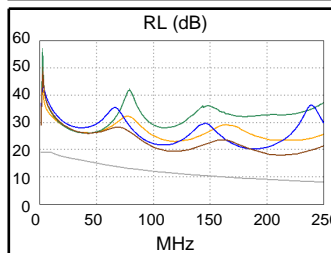
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-45	45-36
ACR-F (dB)	26.7	26.9	27.2	27.1
Freq. (MHz)	211.0	211.0	244.5	241.0
Limit (dB)	16.8	16.8	15.5	15.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	27.6	26.7	27.8	26.7
Freq. (MHz)	1.0	218.5	221.5	225.5
Limit (dB)	60.3	13.5	13.3	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	12-36
ACR-N (dB)	29.1	29.2	64.3	62.2
Freq. (MHz)	2.9	2.8	219.0	201.5
Limit (dB)	61.6	61.6	0.9	3.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	29.1	29.2	64.3	64.5
Freq. (MHz)	2.9	2.8	220.0	219.5
Limit (dB)	58.6	58.6	-2.2	-2.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	7.9	7.8	9.0	9.9
Freq. (MHz)	112.5	110.5	211.0	208.0
Limit (dB)	11.5	11.6	8.8	8.8



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-1.5M-1

Date / Time: 10/15/2018 10:58:31 AM

Headroom 20.0 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

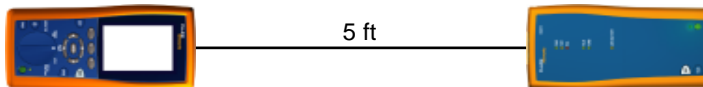
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

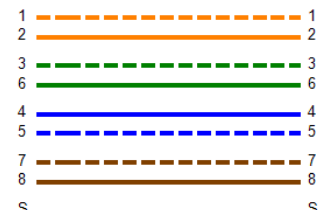
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 36]	8
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 36]	0.5
Insertion Loss Margin (dB)	[Pair 12]	35.5
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



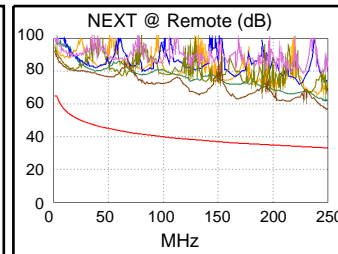
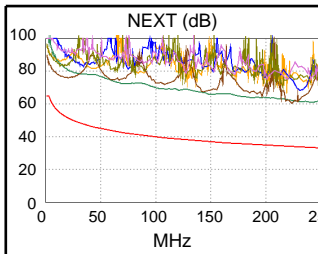
Wire Map (T568B)

PASS

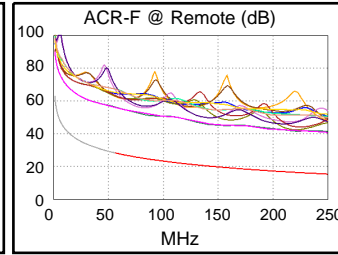
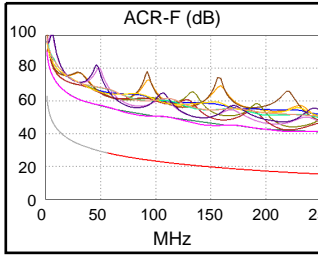


Worst Case Margin Worst Case Value

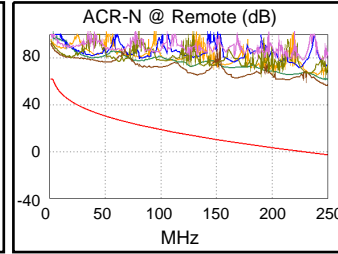
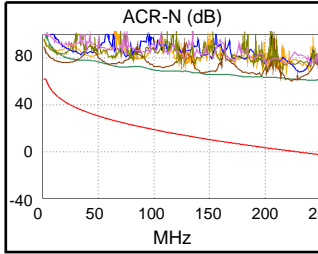
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	20.0	23.4	26.0	23.6
Freq. (MHz)	3.0	2.8	224.5	248.5
Limit (dB)	65.0	65.0	33.9	33.2
Worst Pair	36	36	45	45
PS NEXT (dB)	21.1	23.4	26.9	25.5
Freq. (MHz)	3.3	3.1	224.5	248.5
Limit (dB)	62.0	62.0	31.0	30.2



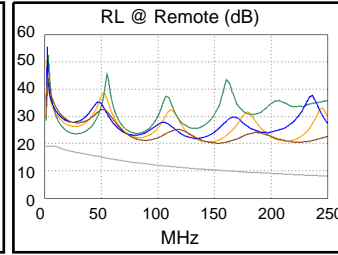
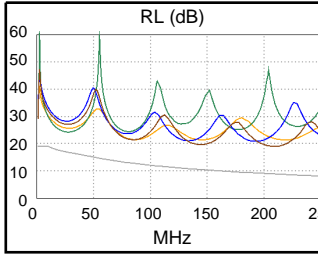
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	12-45	45-12
ACR-F (dB)	25.0	25.0	25.6	25.5
Freq. (MHz)	208.5	208.5	248.5	248.5
Limit (dB)	16.9	16.9	15.4	15.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	26.3	25.2	26.4	25.3
Freq. (MHz)	218.5	214.5	227.5	221.5
Limit (dB)	13.5	13.6	13.1	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	23.5	26.8	59.5	59.2
Freq. (MHz)	3.0	2.8	224.5	248.5
Limit (dB)	61.5	61.6	0.2	-2.7
Worst Pair	36	36	45	45
PS ACR-N (dB)	24.7	27.0	60.5	61.0
Freq. (MHz)	3.3	3.1	224.5	248.5
Limit (dB)	58.4	58.4	-2.8	-5.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	7.3	6.6	10.0	9.9
Freq. (MHz)	22.4	23.4	210.5	152.5
Limit (dB)	17.3	17.2	8.8	10.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-1.5M-2

Date / Time: 10/15/2018 10:58:52 AM

Headroom 20.1 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

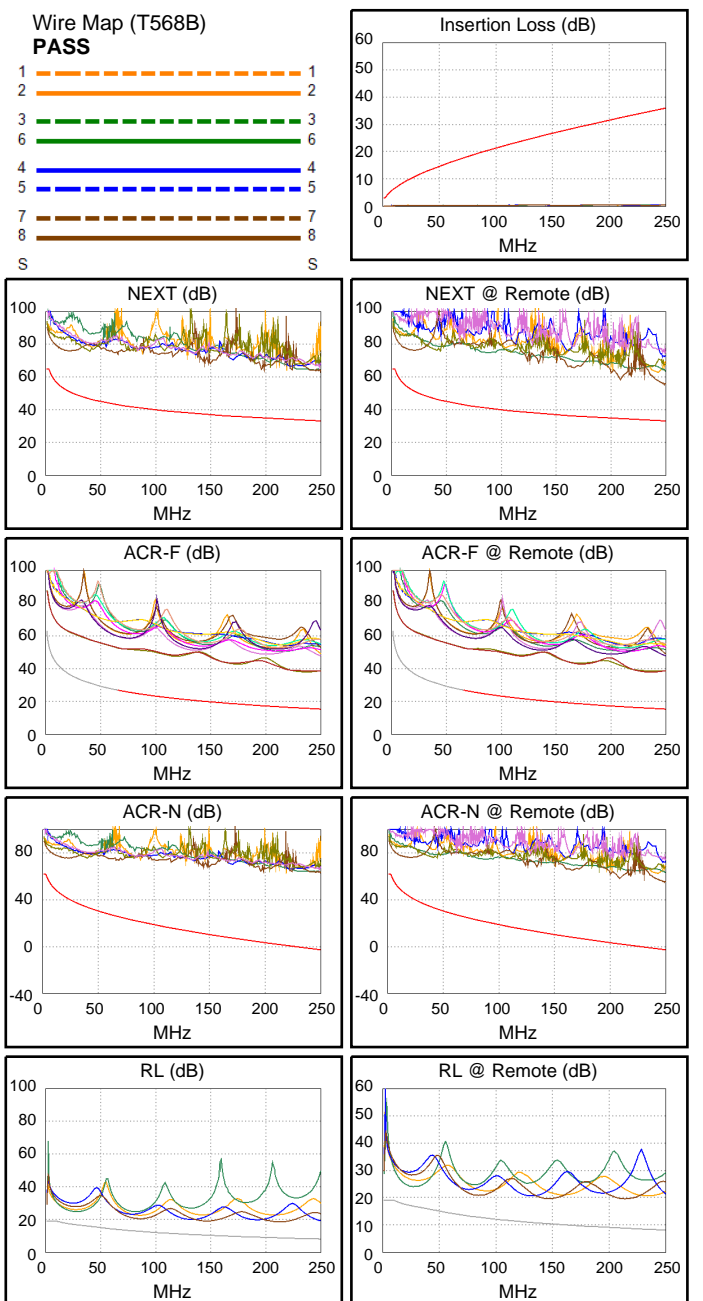
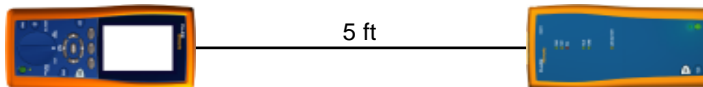
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 36]	8
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.4
Insertion Loss Margin (dB)	[Pair 12]	35.5
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	20.5	20.1	30.5	22.2
Freq. (MHz)	3.4	3.0	249.5	248.5
Limit (dB)	64.2	65.0	33.1	33.2
Worst Pair	36	36	45	36
PS NEXT (dB)	20.7	20.8	29.8	24.7
Freq. (MHz)	3.4	3.0	245.5	248.5
Limit (dB)	61.7	62.0	30.3	30.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	22.1	22.1	22.1	22.1
Freq. (MHz)	236.5	230.5	236.5	235.0
Limit (dB)	15.8	16.0	15.8	15.8
Worst Pair	45	36	45	36
PS ACR-F (dB)	24.9	24.9	24.9	24.9
Freq. (MHz)	230.5	237.0	236.5	237.0
Limit (dB)	13.0	12.8	12.8	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	24.2	23.6	66.1	57.8
Freq. (MHz)	3.4	3.0	249.5	248.5
Limit (dB)	60.5	61.5	-2.8	-2.7
Worst Pair	36	36	45	36
PS ACR-N (dB)	24.4	24.3	65.1	60.2
Freq. (MHz)	3.4	3.0	245.5	248.5
Limit (dB)	58.0	58.5	-5.3	-5.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	7.7	7.0	9.7	10.8
Freq. (MHz)	81.8	24.5	209.0	213.0
Limit (dB)	12.9	17.1	8.8	8.7

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-1.5M-3

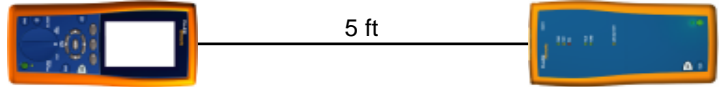
Date / Time: 10/15/2018 10:59:06 AM
Headroom 24.1 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

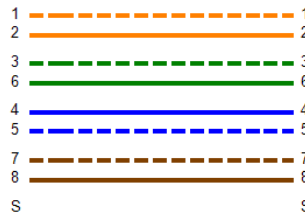
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 36]	8
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.5
Insertion Loss Margin (dB)	[Pair 12]	35.5
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

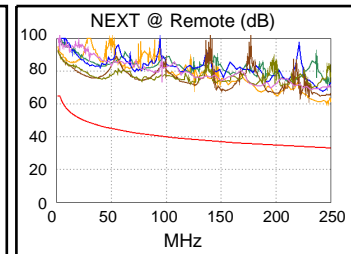
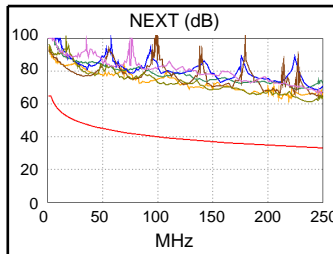


Wire Map (T568B)
PASS

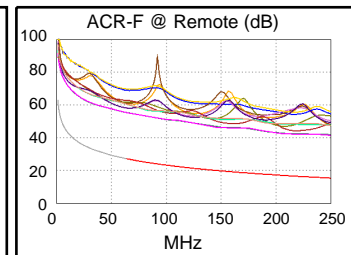
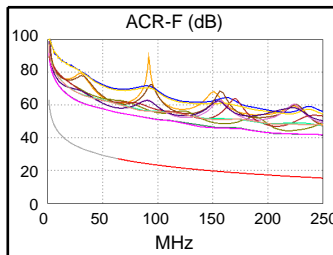


Worst Case Margin Worst Case Value

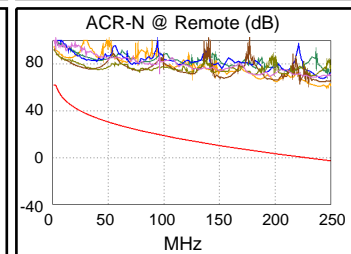
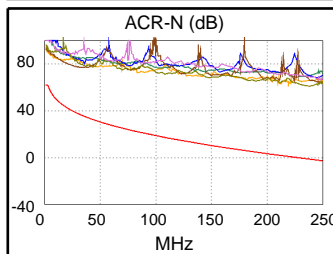
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-78	12-36
NEXT (dB)	24.5	24.1	27.9	26.9
Freq. (MHz)	2.9	2.8	238.0	246.0
Limit (dB)	65.0	65.0	33.5	33.2
Worst Pair	36	36	36	36
PS NEXT (dB)	23.7	22.6	28.8	28.7
Freq. (MHz)	3.5	3.9	238.0	246.0
Limit (dB)	61.5	60.8	30.5	30.3



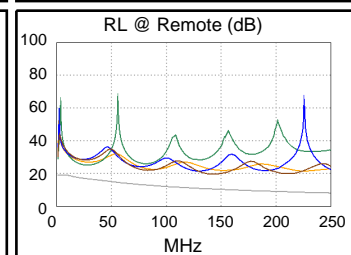
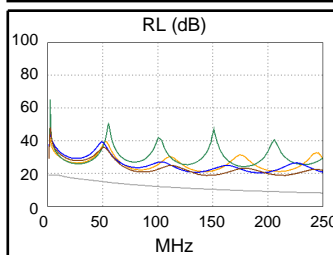
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	12-45	45-12
ACR-F (dB)	25.5	25.5	26.2	26.1
Freq. (MHz)	204.0	204.0	249.5	249.5
Limit (dB)	17.1	17.1	15.3	15.3
Worst Pair	45	45	45	12
PS ACR-F (dB)	26.0	26.6	26.1	28.2
Freq. (MHz)	208.5	203.5	214.5	249.5
Limit (dB)	13.9	14.1	13.6	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-78	12-36
ACR-N (dB)	27.9	27.5	62.6	62.2
Freq. (MHz)	2.9	2.8	238.0	246.0
Limit (dB)	61.6	61.6	-1.4	-2.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	27.5	26.6	63.4	64.0
Freq. (MHz)	3.5	2.9	238.0	246.0
Limit (dB)	57.7	58.6	-4.4	-5.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	8.1	8.3	8.4	9.1
Freq. (MHz)	82.0	22.4	143.5	143.5
Limit (dB)	12.9	17.3	10.4	10.4



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-1.5M-4

Date / Time: 10/15/2018 10:59:20 AM
Headroom 21.0 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

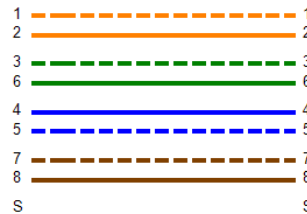
Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 36]	8
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.4
Insertion Loss Margin (dB)	[Pair 12]	35.5
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



5 ft

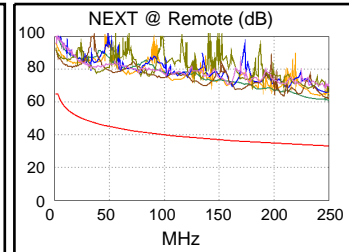
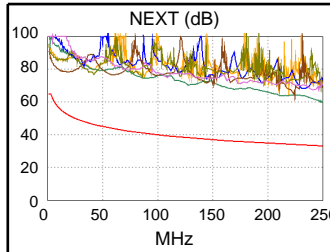


Wire Map (T568B)
PASS

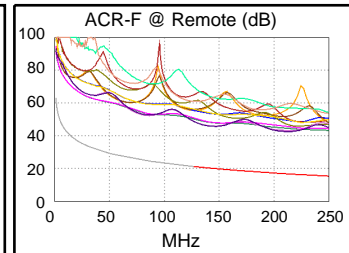
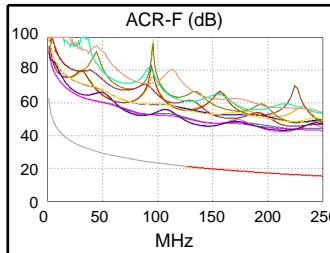


Worst Case Margin Worst Case Value

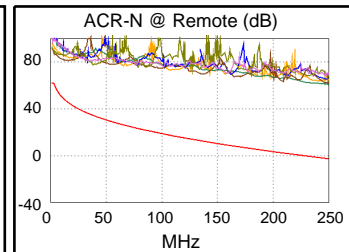
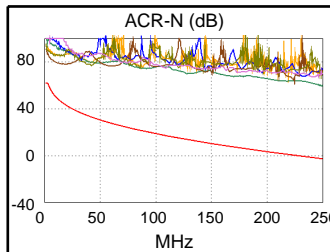
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	12-45
NEXT (dB)	21.0	22.3	26.7	28.0
Freq. (MHz)	3.0	3.1	249.0	249.5
Limit (dB)	65.0	64.8	33.1	33.1
Worst Pair	36	36	45	45
PS NEXT (dB)	21.5	22.4	29.0	28.1
Freq. (MHz)	3.4	3.4	249.0	250.0
Limit (dB)	61.7	61.7	30.2	30.2



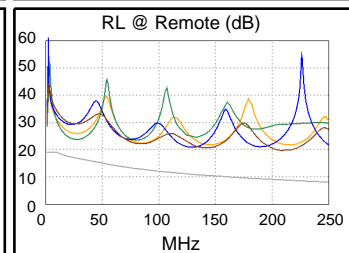
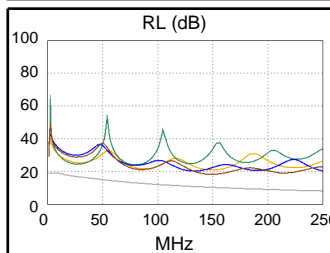
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	78-36
ACR-F (dB)	25.5	25.5	25.5	25.7
Freq. (MHz)	142.5	142.5	211.5	210.5
Limit (dB)	20.2	20.2	16.8	16.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	27.5	27.7	27.5	29.0
Freq. (MHz)	215.0	211.5	215.0	250.0
Limit (dB)	13.6	13.8	13.6	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	12-45
ACR-N (dB)	24.5	25.9	62.2	63.6
Freq. (MHz)	3.0	3.1	249.0	249.5
Limit (dB)	61.5	61.2	-2.7	-2.8
Worst Pair	36	36	45	45
PS ACR-N (dB)	25.2	26.1	64.6	63.8
Freq. (MHz)	2.9	3.1	249.0	250.0
Limit (dB)	58.6	58.4	-5.7	-5.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	7.5	6.8	7.9	10.8
Freq. (MHz)	22.4	22.4	146.5	208.0
Limit (dB)	17.3	17.3	10.3	8.8



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-1.5M-5

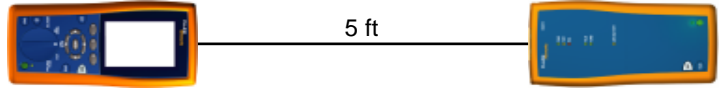
Date / Time: 10/15/2018 10:59:35 AM
Headroom 21.3 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

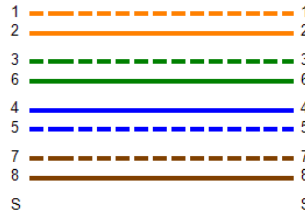
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	5
Prop. Delay (ns), Limit 555	[Pair 36]	8
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 78]	0.5
Insertion Loss Margin (dB)	[Pair 12]	35.5
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

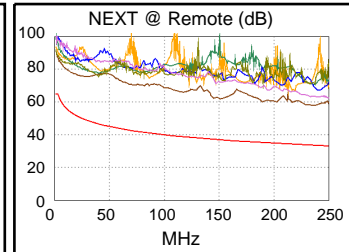
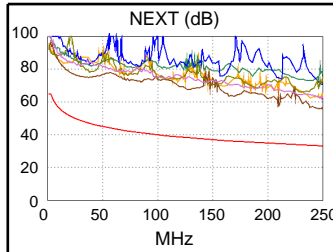


Wire Map (T568B)
PASS

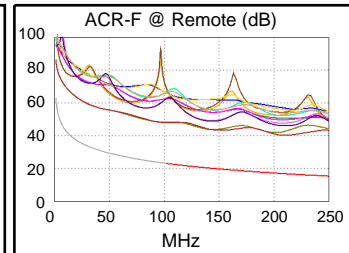
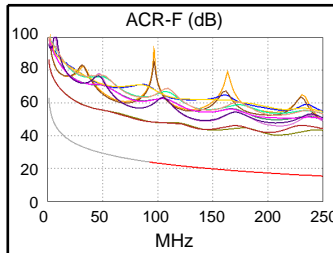


Worst Case Margin Worst Case Value

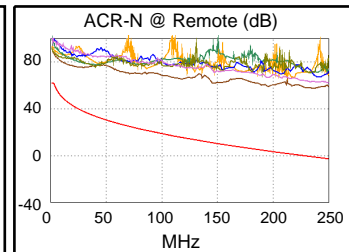
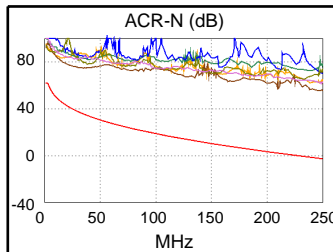
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	22.6	21.3	22.6	23.6
Freq. (MHz)	247.0	3.0	247.0	227.0
Limit (dB)	33.2	65.0	33.2	33.8
Worst Pair	36	36	36	45
PS NEXT (dB)	24.6	21.2	24.6	25.6
Freq. (MHz)	247.0	2.9	247.0	227.0
Limit (dB)	30.2	62.0	30.2	30.9



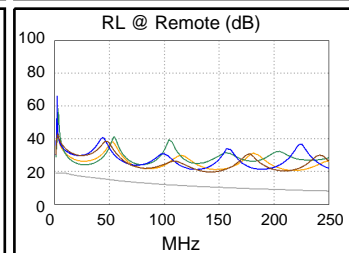
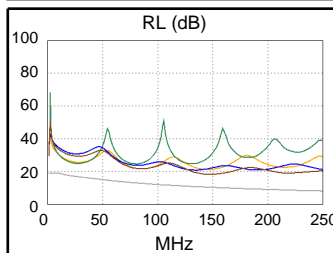
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	23.4	23.4	23.4	23.4
Freq. (MHz)	206.0	206.0	208.0	208.0
Limit (dB)	17.0	17.0	16.9	16.9
Worst Pair	36	36	45	36
PS ACR-F (dB)	25.3	25.1	25.7	25.2
Freq. (MHz)	138.0	143.0	208.0	208.0
Limit (dB)	17.5	17.2	13.9	13.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	36-45
ACR-N (dB)	28.6	24.8	58.0	57.3
Freq. (MHz)	2.0	3.0	247.0	227.0
Limit (dB)	62.0	61.5	-2.5	-0.1
Worst Pair	36	36	36	45
PS ACR-N (dB)	28.6	24.6	59.9	59.4
Freq. (MHz)	3.3	2.9	247.0	227.0
Limit (dB)	58.4	58.6	-5.4	-3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	7.8	7.1	7.8	9.1
Freq. (MHz)	142.5	24.4	145.0	140.0
Limit (dB)	10.5	17.1	10.4	10.5



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-2M-1

Date / Time: 10/15/2018 11:00:41 AM

Headroom 16.1 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

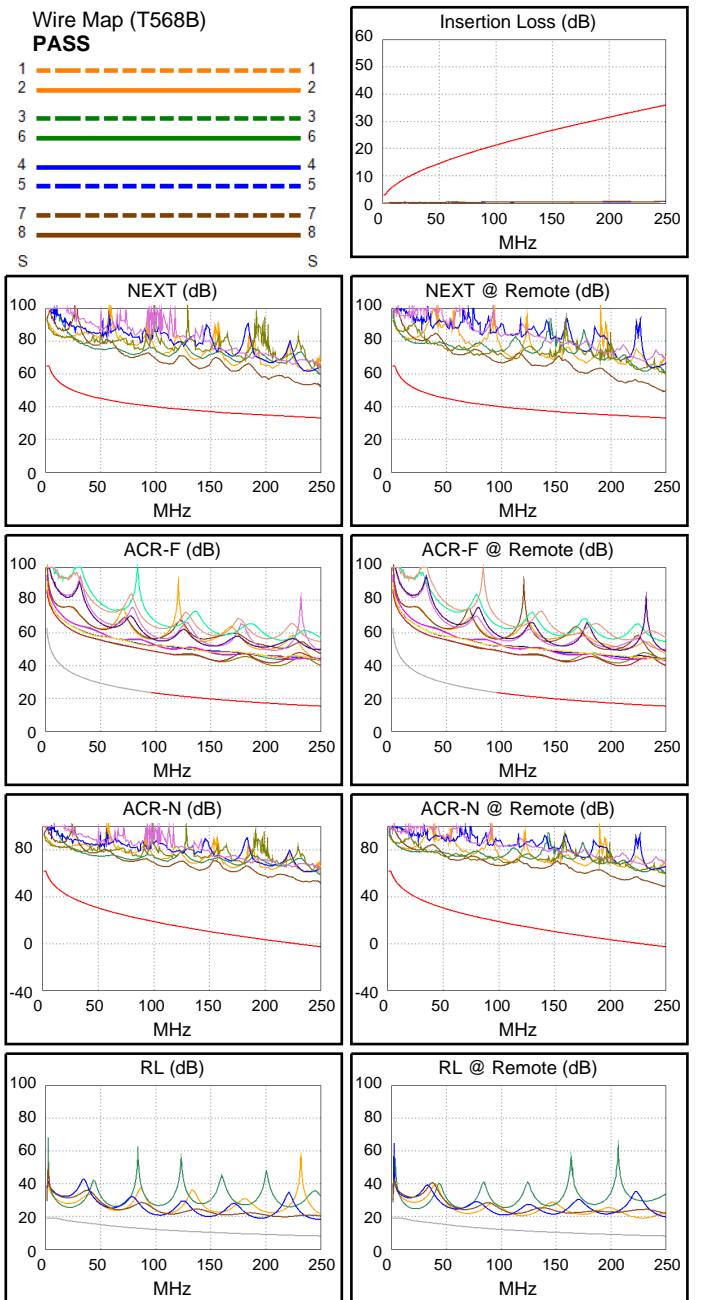
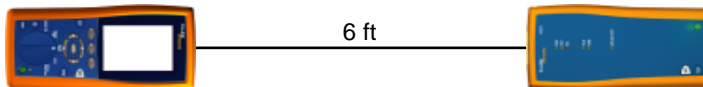
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	6
Prop. Delay (ns), Limit 555	[Pair 36]	10
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.5
Insertion Loss Margin (dB)	[Pair 12]	35.3
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	19.4	16.1	19.4	16.1
Freq. (MHz)	249.5	247.0	249.5	247.0
Limit (dB)	33.1	33.2	33.1	33.2
Worst Pair	45	36	45	36
PS NEXT (dB)	21.4	18.7	21.4	18.7
Freq. (MHz)	249.5	247.0	249.5	247.0
Limit (dB)	30.2	30.2	30.2	30.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	23.0	23.0	23.0	23.0
Freq. (MHz)	206.5	206.5	208.0	208.0
Limit (dB)	17.0	17.0	16.9	16.9
Worst Pair	45	45	45	12
PS ACR-F (dB)	24.5	25.1	24.5	26.6
Freq. (MHz)	206.5	156.5	209.5	250.0
Limit (dB)	14.0	16.4	13.8	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	26.4	27.9	54.8	51.3
Freq. (MHz)	2.8	2.4	249.5	247.0
Limit (dB)	61.6	61.9	-2.8	-2.5
Worst Pair	36	36	45	36
PS ACR-N (dB)	27.3	27.9	56.8	53.8
Freq. (MHz)	3.0	3.9	249.5	247.0
Limit (dB)	58.5	56.8	-5.7	-5.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	12
RL (dB)	8.1	7.2	10.2	10.6
Freq. (MHz)	18.5	19.3	245.5	229.5
Limit (dB)	17.7	17.6	8.1	8.4

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-2M-2

Date / Time: 10/15/2018 11:00:59 AM

Headroom 21.4 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

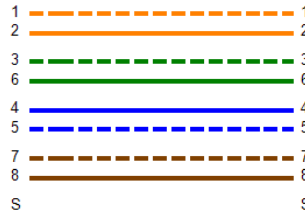
Length (ft), Limit 328	[Pair 78]	6
Prop. Delay (ns), Limit 555	[Pair 12]	10
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	0.5
Insertion Loss Margin (dB)	[Pair 12]	35.2
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



6 ft

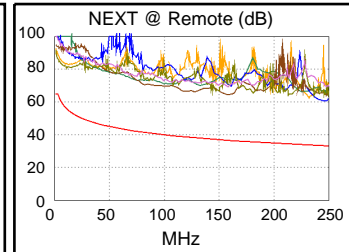
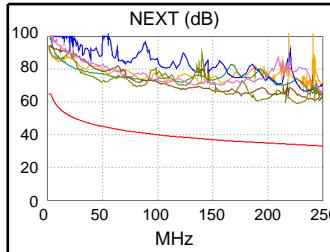


Wire Map (T568B)
PASS

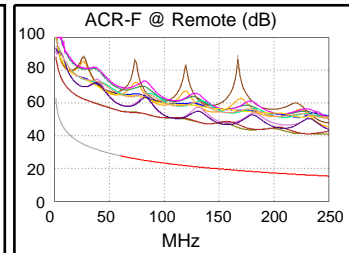
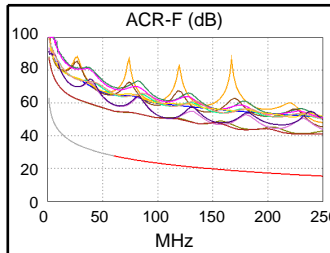


Worst Case Margin Worst Case Value

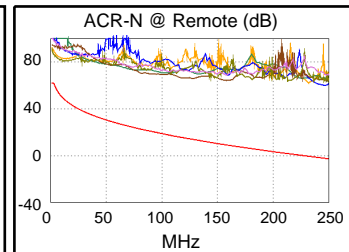
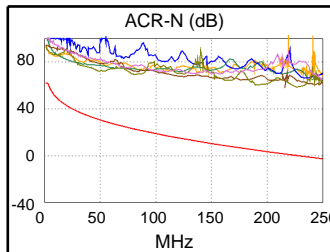
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	12-78
NEXT (dB)	24.4	21.4	25.1	27.4
Freq. (MHz)	2.8	2.9	228.0	245.5
Limit (dB)	65.0	65.0	33.8	33.3
Worst Pair	36	36	36	78
PS NEXT (dB)	23.5	21.6	26.9	28.6
Freq. (MHz)	3.4	3.1	229.0	246.5
Limit (dB)	61.7	62.0	30.8	30.3



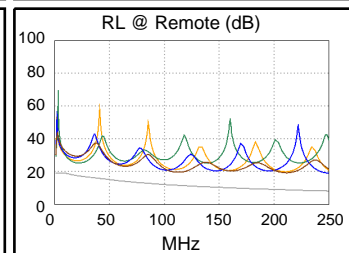
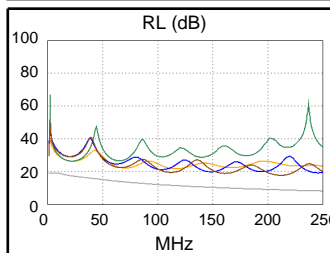
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	24.7	24.8	24.7	24.8
Freq. (MHz)	223.5	221.0	223.5	223.0
Limit (dB)	16.3	16.4	16.3	16.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	25.8	26.8	27.5	26.8
Freq. (MHz)	1.0	250.0	248.0	250.0
Limit (dB)	60.3	12.3	12.4	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	12-78
ACR-N (dB)	27.8	24.8	58.7	62.5
Freq. (MHz)	2.8	2.9	228.0	245.5
Limit (dB)	61.6	61.6	-0.2	-2.3
Worst Pair	36	36	36	12
PS ACR-N (dB)	27.2	25.2	60.5	63.9
Freq. (MHz)	3.4	3.1	229.0	248.0
Limit (dB)	58.0	58.4	-3.3	-5.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	45
RL (dB)	7.8	7.7	8.8	11.0
Freq. (MHz)	110.5	18.5	210.5	249.5
Limit (dB)	11.6	17.7	8.8	8.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-2M-3

Date / Time: 10/15/2018 11:01:13 AM

Headroom 23.8 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

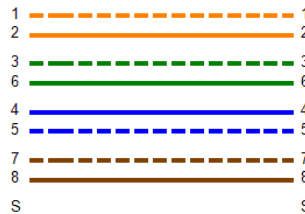
Length (ft), Limit 328	[Pair 78]	6
Prop. Delay (ns), Limit 555	[Pair 12]	10
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	0.5
Insertion Loss Margin (dB)	[Pair 12]	35.2
Frequency (MHz)	[Pair 12]	249.5
Limit (dB)	[Pair 12]	35.9



6 ft

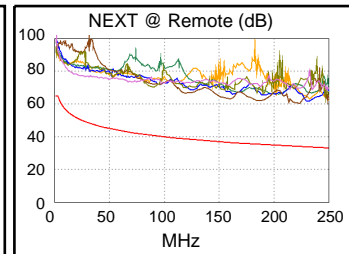
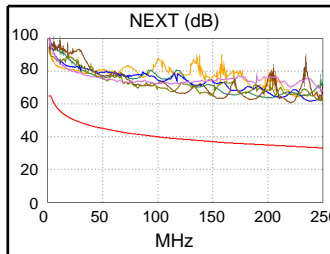


Wire Map (T568B)
PASS

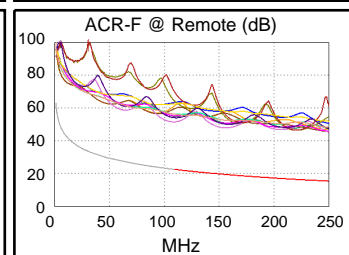
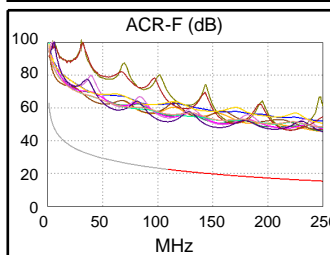


Worst Case Margin Worst Case Value

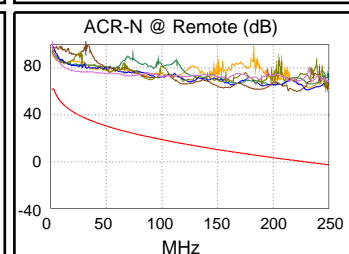
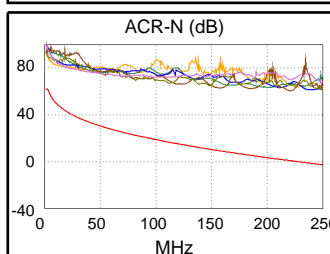
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
NEXT (dB)	23.8	24.3	26.3	26.5
Freq. (MHz)	3.1	2.9	218.5	223.5
Limit (dB)	64.8	65.0	34.1	34.0
Worst Pair	36	36	36	12
PS NEXT (dB)	23.3	23.7	27.7	27.9
Freq. (MHz)	3.5	3.5	224.5	232.0
Limit (dB)	61.5	61.5	31.0	30.7



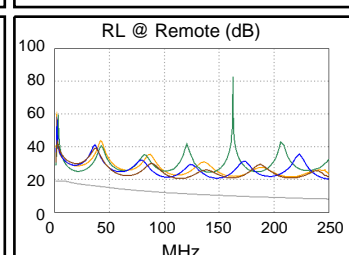
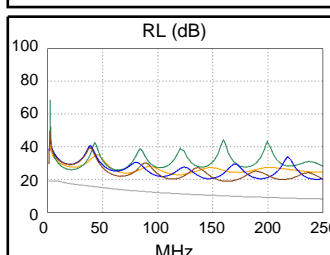
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	78-36	36-78
ACR-F (dB)	28.5	28.4	30.1	30.0
Freq. (MHz)	153.0	153.0	250.0	250.0
Limit (dB)	19.6	19.6	15.3	15.3
Worst Pair	36	36	36	12
PS ACR-F (dB)	29.5	29.1	29.9	30.0
Freq. (MHz)	1.1	1.0	250.0	249.0
Limit (dB)	59.2	60.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	27.4	27.7	59.1	60.0
Freq. (MHz)	2.9	2.9	218.5	225.0
Limit (dB)	61.6	61.6	0.9	0.1
Worst Pair	36	36	36	12
PS ACR-N (dB)	27.1	27.5	63.8	61.8
Freq. (MHz)	3.3	3.5	248.5	232.0
Limit (dB)	58.4	57.7	-5.6	-3.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	45
RL (dB)	8.1	7.5	8.9	12.1
Freq. (MHz)	63.5	18.5	163.0	249.0
Limit (dB)	14.0	17.7	9.9	8.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-2M-4

Date / Time: 10/15/2018 11:01:27 AM

Headroom 19.7 dB (NEXT 12-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

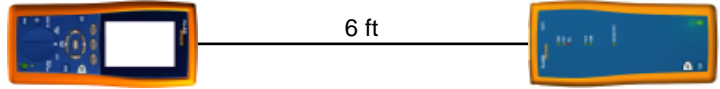
Main S/N: 1019229

Remote S/N: 1019230

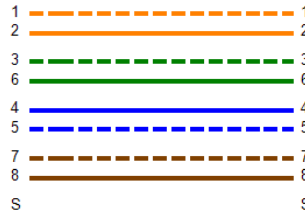
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	6
Prop. Delay (ns), Limit 555	[Pair 12]	10
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 36]	0.6
Insertion Loss Margin (dB)	[Pair 12]	35.2
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

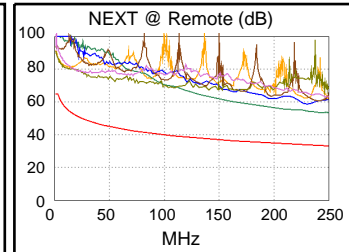
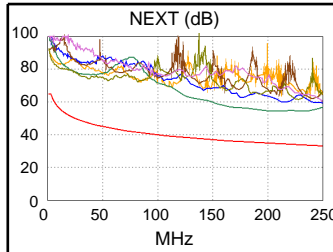


Wire Map (T568B)
PASS

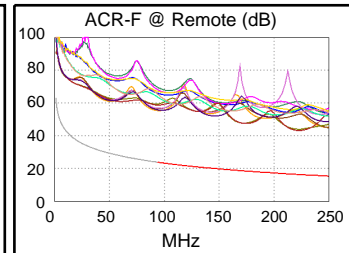
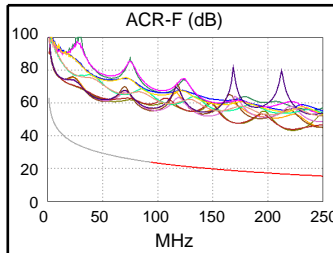


Worst Case Margin Worst Case Value

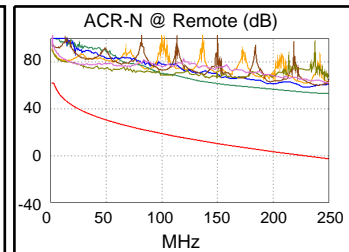
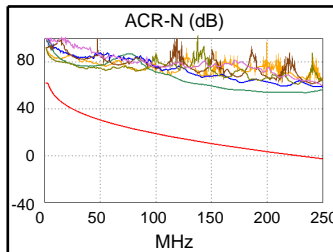
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	19.7	20.2	20.6	20.2
Freq. (MHz)	199.0	238.5	235.0	241.5
Limit (dB)	34.8	33.5	33.6	33.4
Worst Pair	36	36	12	12
PS NEXT (dB)	21.5	21.0	22.6	21.7
Freq. (MHz)	3.3	3.4	235.0	232.0
Limit (dB)	62.0	61.7	30.6	30.7



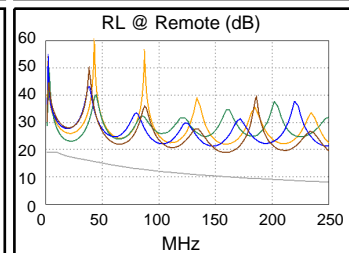
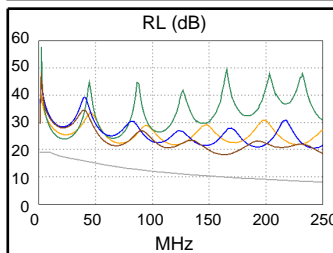
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	26.9	26.9	26.9	26.9
Freq. (MHz)	220.0	220.0	221.5	221.5
Limit (dB)	16.4	16.4	16.3	16.3
Worst Pair	36	45	36	36
PS ACR-F (dB)	29.4	29.2	30.0	29.4
Freq. (MHz)	1.0	1.0	247.0	223.5
Limit (dB)	60.3	60.3	12.4	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	12-45
ACR-N (dB)	25.4	24.8	54.9	54.9
Freq. (MHz)	3.3	2.9	235.0	241.5
Limit (dB)	60.9	61.6	-1.1	-1.8
Worst Pair	36	36	12	12
PS ACR-N (dB)	25.1	24.6	56.7	57.4
Freq. (MHz)	3.3	2.9	235.0	249.5
Limit (dB)	58.4	58.6	-4.0	-5.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	6.5	5.6	8.2	8.9
Freq. (MHz)	18.5	19.3	161.5	157.0
Limit (dB)	17.7	17.6	9.9	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-2M-5

Date / Time: 10/15/2018 11:01:42 AM

Headroom 20.5 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	6
Prop. Delay (ns), Limit 555	[Pair 12]	10
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 36]	0.5
Insertion Loss Margin (dB)	[Pair 12]	35.3
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



6 ft



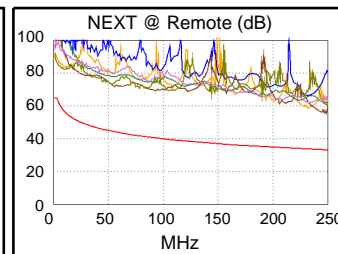
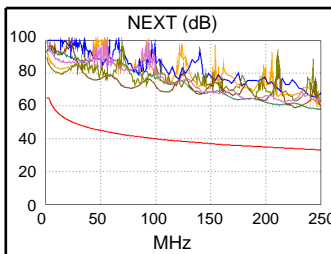
Wire Map (T568B)

PASS

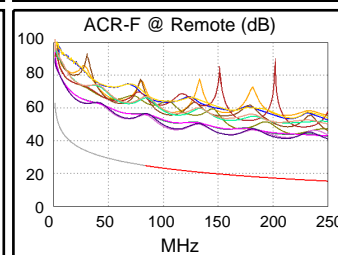
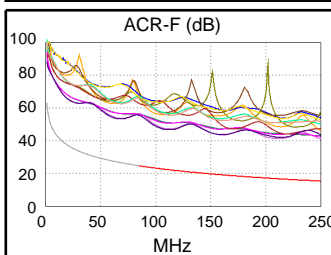


Worst Case Margin Worst Case Value

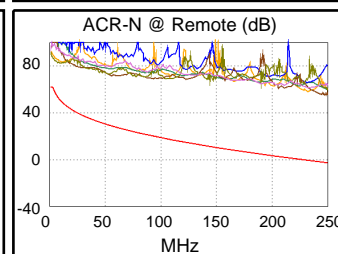
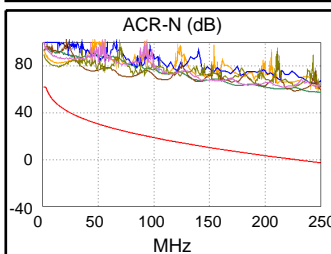
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	36-45
NEXT (dB)	20.5	21.6	24.8	22.5
Freq. (MHz)	3.4	2.9	247.5	247.0
Limit (dB)	64.2	65.0	33.2	33.2
Worst Pair	36	36	45	36
PS NEXT (dB)	21.2	22.5	24.7	23.4
Freq. (MHz)	3.4	3.4	250.0	250.0
Limit (dB)	61.7	61.7	30.2	30.2



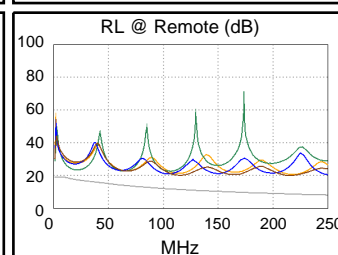
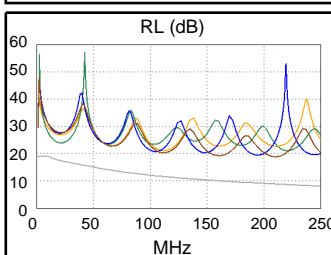
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	78-36
ACR-F (dB)	24.4	24.3	25.8	25.9
Freq. (MHz)	156.5	107.0	250.0	249.5
Limit (dB)	19.4	22.7	15.3	15.3
Worst Pair	36	78	36	45
PS ACR-F (dB)	25.8	26.8	25.8	27.0
Freq. (MHz)	213.0	107.0	214.5	215.0
Limit (dB)	13.7	19.7	13.6	13.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	36-45
ACR-N (dB)	24.1	25.0	60.0	57.7
Freq. (MHz)	3.0	2.9	247.5	247.0
Limit (dB)	61.5	61.6	-2.5	-2.5
Worst Pair	36	36	45	36
PS ACR-N (dB)	24.9	26.1	60.2	58.9
Freq. (MHz)	3.4	2.9	250.0	250.0
Limit (dB)	58.0	58.6	-5.8	-5.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	6.4	5.9	10.0	11.3
Freq. (MHz)	17.8	17.8	207.5	212.5
Limit (dB)	17.8	17.8	8.8	8.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-3M-1

Date / Time: 10/15/2018 11:02:36 AM

Headroom 17.6 dB (NEXT 12-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

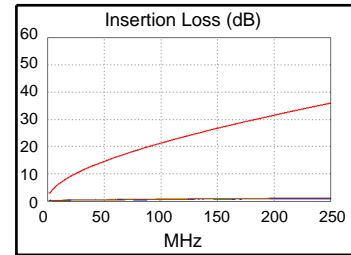
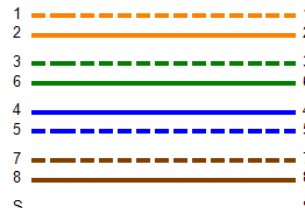
Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	15
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.7
Insertion Loss Margin (dB)	[Pair 12]	34.2
Frequency (MHz)	[Pair 12]	242.0
Limit (dB)	[Pair 12]	35.3



10 ft

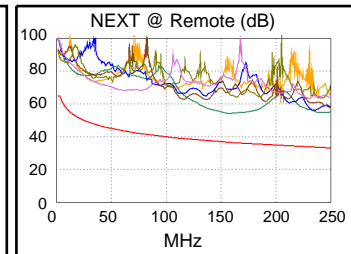
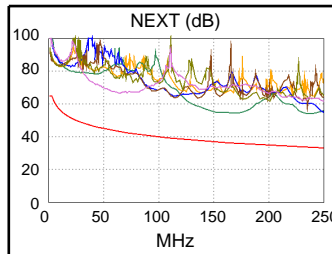


Wire Map (T568B)
PASS

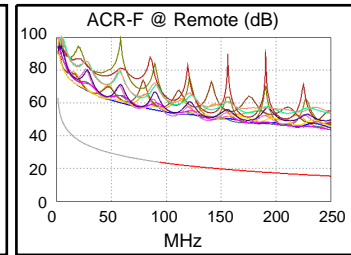
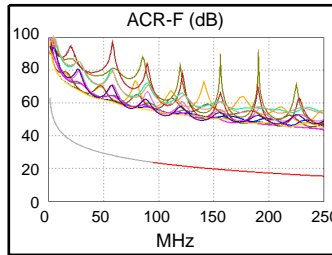


Worst Case Margin Worst Case Value

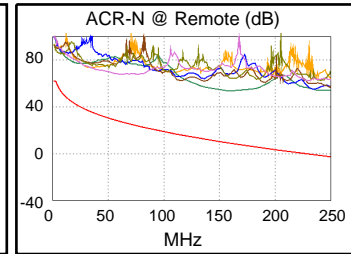
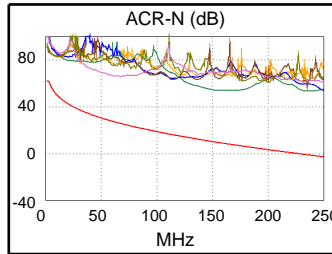
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	18.0	17.6	20.5	17.6
Freq. (MHz)	153.5	156.5	236.0	156.5
Limit (dB)	36.8	36.6	33.5	36.6
Worst Pair	45	45	12	12
PS NEXT (dB)	20.4	20.2	22.2	21.9
Freq. (MHz)	153.5	156.5	249.5	237.0
Limit (dB)	33.9	33.7	30.2	30.6



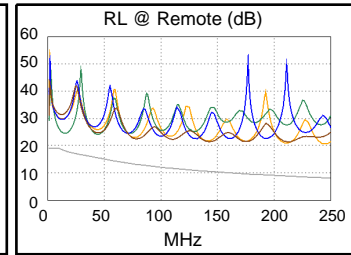
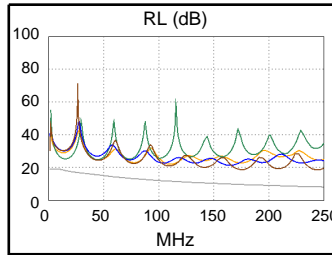
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	28.1	28.3	28.1	28.3
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	12	36	12	45
PS ACR-F (dB)	27.9	28.7	27.9	29.2
Freq. (MHz)	247.5	1.0	249.5	249.5
Limit (dB)	12.4	60.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	12-45	12-45
ACR-N (dB)	25.0	26.8	54.4	44.3
Freq. (MHz)	2.8	2.5	236.0	156.5
Limit (dB)	61.6	61.8	-1.2	9.2
Worst Pair	36	36	12	12
PS ACR-N (dB)	24.6	26.4	57.1	55.8
Freq. (MHz)	3.4	3.1	249.5	237.0
Limit (dB)	58.0	58.4	-5.7	-4.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	12
RL (dB)	7.0	6.3	8.9	12.4
Freq. (MHz)	12.8	12.9	175.5	244.0
Limit (dB)	18.5	18.5	9.6	8.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-3M-2

Date / Time: 10/15/2018 11:02:55 AM

Headroom 16.5 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

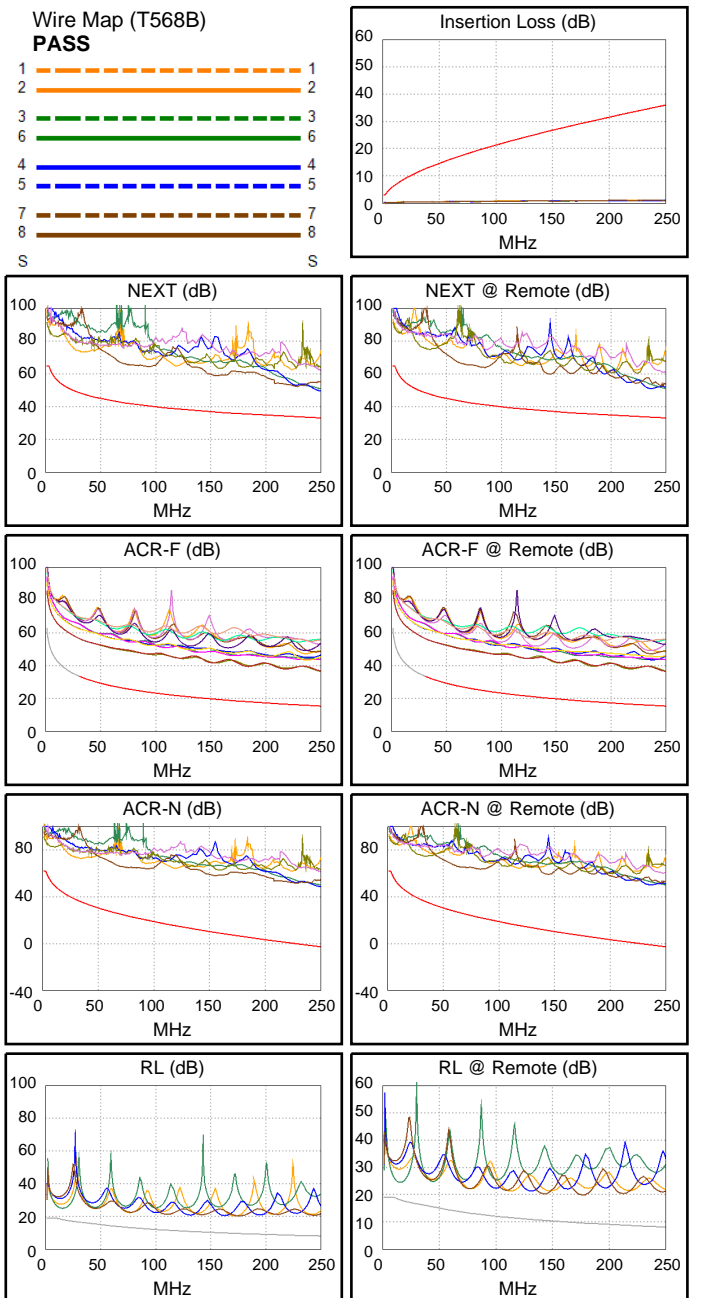
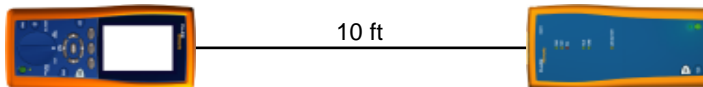
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	15
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.7
Insertion Loss Margin (dB)	[Pair 12]	34.9
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-45
NEXT (dB)	16.5	17.6	16.5	17.9
Freq. (MHz)	250.0	235.0	250.0	250.0
Limit (dB)	33.1	33.6	33.1	33.1
Worst Pair	12	12	12	12
PS NEXT (dB)	17.0	18.2	17.0	18.2
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	30.2	30.2	30.2	30.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	21.3	21.3	21.3	21.3
Freq. (MHz)	248.5	248.5	248.5	249.5
Limit (dB)	15.4	15.4	15.4	15.3
Worst Pair	45	45	45	45
PS ACR-F (dB)	23.6	23.6	23.6	23.6
Freq. (MHz)	248.5	184.0	248.5	250.0
Limit (dB)	12.4	15.0	12.4	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-78	12-45
ACR-N (dB)	25.4	26.6	51.6	53.0
Freq. (MHz)	3.0	2.5	250.0	250.0
Limit (dB)	61.5	61.8	-2.8	-2.8
Worst Pair	36	36	12	12
PS ACR-N (dB)	26.4	26.5	52.0	53.2
Freq. (MHz)	3.3	3.3	250.0	250.0
Limit (dB)	58.4	58.4	-5.8	-5.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	12	78
RL (dB)	6.8	6.3	10.6	10.3
Freq. (MHz)	12.8	12.9	170.5	176.0
Limit (dB)	18.5	18.5	9.7	9.5

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-3M-3

Date / Time: 10/15/2018 11:03:12 AM

Headroom 17.8 dB (NEXT 12-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

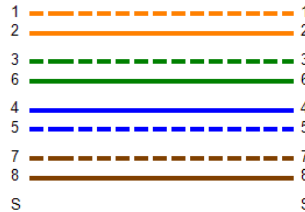
Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	16
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	0.6
Insertion Loss Margin (dB)	[Pair 12]	34.8
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



10 ft

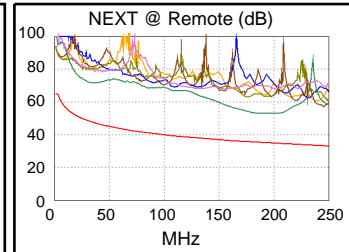
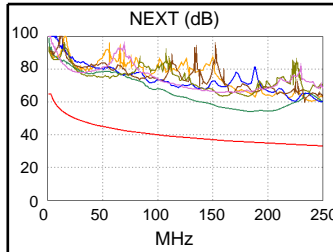


Wire Map (T568B)
PASS

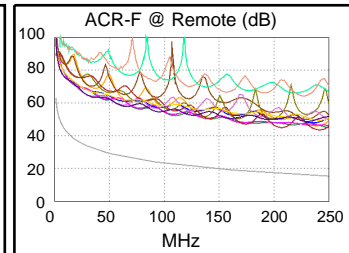
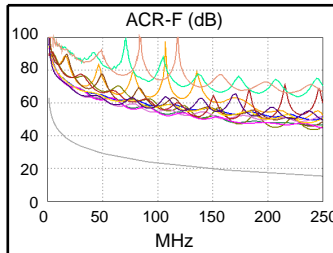


Worst Case Margin Worst Case Value

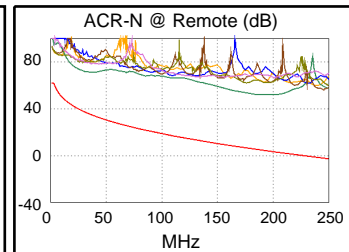
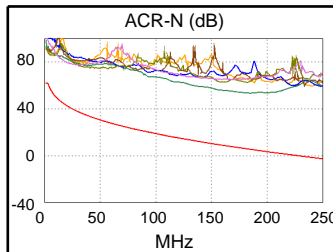
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	18.7	17.8	18.7	18.3
Freq. (MHz)	182.5	182.5	182.5	201.5
Limit (dB)	35.5	35.5	35.5	34.7
Worst Pair	45	12	12	45
PS NEXT (dB)	21.2	20.4	21.3	20.7
Freq. (MHz)	183.5	183.5	185.0	199.0
Limit (dB)	32.5	32.5	32.4	31.9



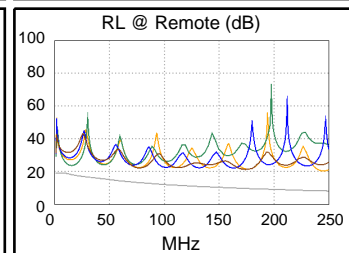
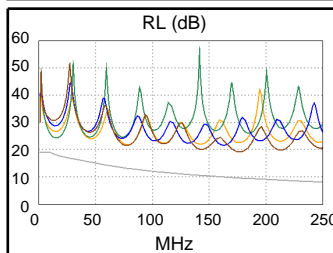
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	28.0	28.0	28.0	28.0
Freq. (MHz)	206.0	206.0	240.5	240.5
Limit (dB)	17.0	17.0	15.6	15.6
Worst Pair	36	45	12	36
PS ACR-F (dB)	28.3	28.0	29.2	28.3
Freq. (MHz)	1.0	1.0	240.0	238.0
Limit (dB)	60.3	60.3	12.7	12.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	12-45	12-45
ACR-N (dB)	26.1	27.0	47.8	49.1
Freq. (MHz)	3.0	3.3	182.5	201.5
Limit (dB)	61.5	60.9	5.6	3.1
Worst Pair	36	36	12	45
PS ACR-N (dB)	25.8	25.7	50.6	51.4
Freq. (MHz)	2.9	3.3	185.0	199.0
Limit (dB)	58.6	58.4	2.3	0.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	12
RL (dB)	6.0	5.4	9.5	12.2
Freq. (MHz)	14.1	14.1	177.0	244.0
Limit (dB)	18.3	18.3	9.5	8.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-3M-4

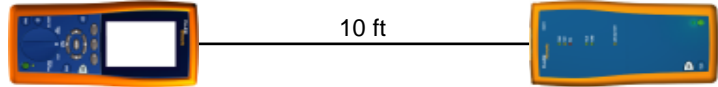
Date / Time: 10/15/2018 11:03:27 AM
Headroom 13.0 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

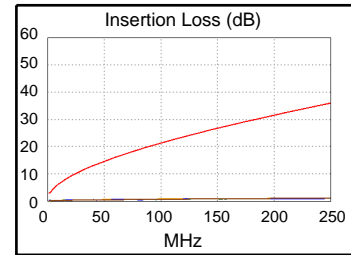
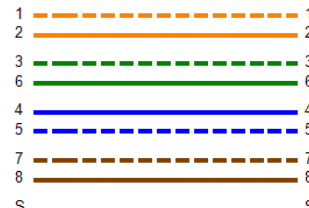
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	15
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	0.6
Insertion Loss Margin (dB)	[Pair 12]	34.9
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

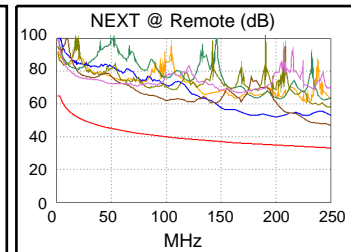
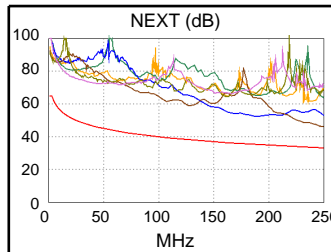


Wire Map (T568B)
PASS

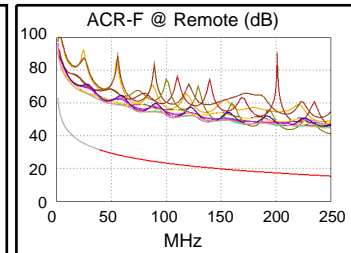
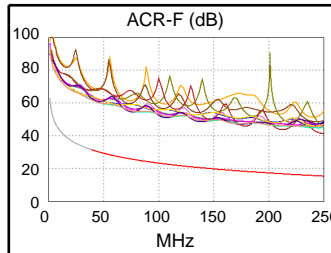


Worst Case Margin Worst Case Value

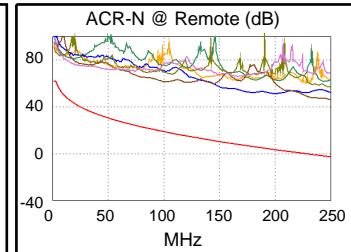
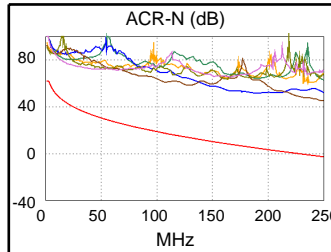
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	13.0	13.7	13.0	13.7
Freq. (MHz)	247.5	250.0	249.0	250.0
Limit (dB)	33.2	33.1	33.1	33.1
Worst Pair	45	36	45	36
PS NEXT (dB)	15.8	16.2	15.8	16.2
Freq. (MHz)	249.0	250.0	249.0	250.0
Limit (dB)	30.2	30.2	30.2	30.2



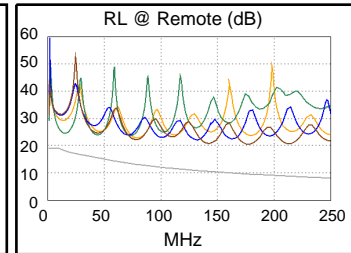
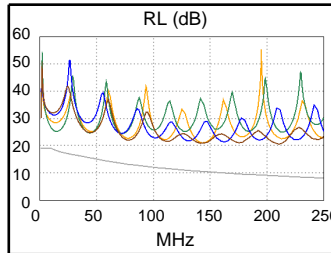
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	26.1	26.1	26.1	26.1
Freq. (MHz)	248.0	248.0	249.5	249.5
Limit (dB)	15.4	15.4	15.3	15.3
Worst Pair	36	45	36	45
PS ACR-F (dB)	26.6	26.4	27.9	26.4
Freq. (MHz)	1.0	248.5	246.5	249.5
Limit (dB)	60.3	12.4	12.4	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	26.0	24.9	47.9	48.7
Freq. (MHz)	2.8	2.5	249.0	250.0
Limit (dB)	61.6	61.8	-2.7	-2.8
Worst Pair	36	36	45	36
PS ACR-N (dB)	25.1	25.7	50.8	51.3
Freq. (MHz)	3.3	3.0	249.0	250.0
Limit (dB)	58.4	58.5	-5.7	-5.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	6.9	6.3	11.7	10.9
Freq. (MHz)	12.9	12.9	210.5	176.0
Limit (dB)	18.5	18.5	8.8	9.5



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-3M-5

Date / Time: 10/15/2018 11:03:42 AM

Headroom 16.3 dB (NEXT 12-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

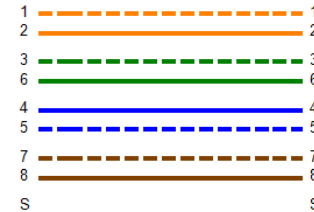
Length (ft), Limit 328	[Pair 12]	10
Prop. Delay (ns), Limit 555	[Pair 36]	16
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	0.7
Insertion Loss Margin (dB)	[Pair 12]	34.8
Frequency (MHz)	[Pair 12]	249.5
Limit (dB)	[Pair 12]	35.9



10 ft

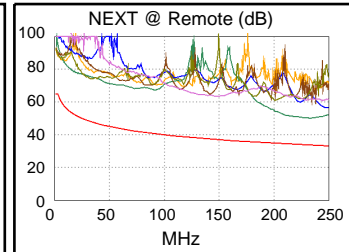
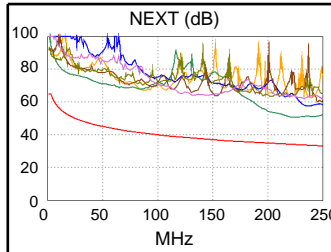


Wire Map (T568B)
PASS

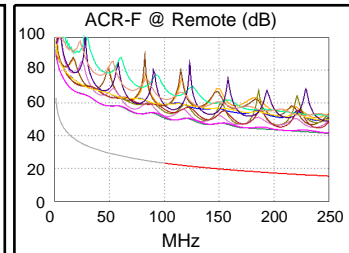
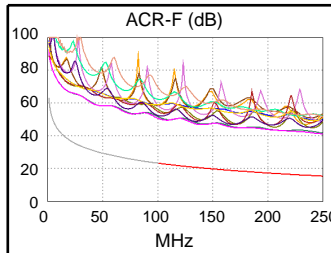


Worst Case Margin Worst Case Value

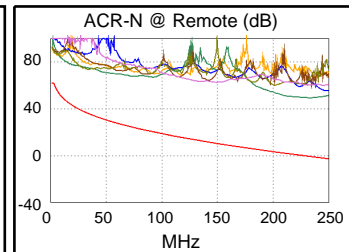
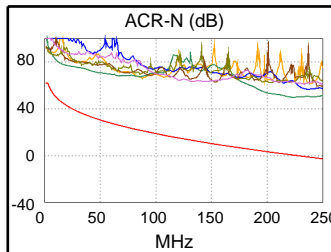
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	16.5	16.3	16.5	16.3
Freq. (MHz)	223.0	229.5	224.0	229.5
Limit (dB)	34.0	33.8	33.9	33.8
Worst Pair	12	45	12	45
PS NEXT (dB)	19.0	18.9	19.0	18.9
Freq. (MHz)	224.0	228.0	224.0	233.0
Limit (dB)	31.0	30.9	31.0	30.7



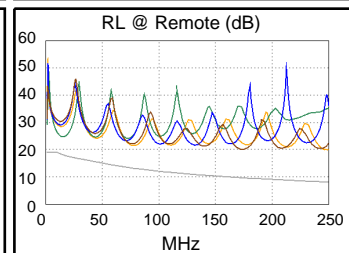
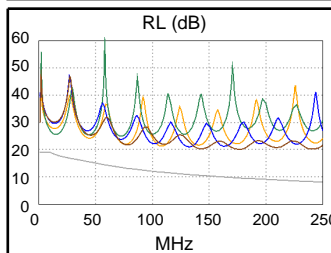
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	25.8	26.0	25.8	26.0
Freq. (MHz)	248.0	248.0	248.0	248.0
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	26.5	26.9	27.8	27.9
Freq. (MHz)	1.0	1.0	246.0	245.5
Limit (dB)	60.3	60.3	12.4	12.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	12-45	12-45
ACR-N (dB)	27.5	26.1	49.4	49.7
Freq. (MHz)	2.9	3.0	224.0	229.5
Limit (dB)	61.6	61.5	0.2	-0.4
Worst Pair	36	36	12	45
PS ACR-N (dB)	26.8	25.6	53.4	52.6
Freq. (MHz)	3.3	3.1	238.5	233.0
Limit (dB)	58.4	58.4	-4.4	-3.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	12
RL (dB)	7.3	6.5	10.4	11.8
Freq. (MHz)	12.8	12.8	176.0	246.5
Limit (dB)	18.5	18.5	9.5	8.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-5M-1

Date / Time: 10/15/2018 11:05:19 AM

Headroom 20.8 dB (NEXT 45-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 36]	26
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.1
Insertion Loss Margin (dB)	[Pair 12]	34.1
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

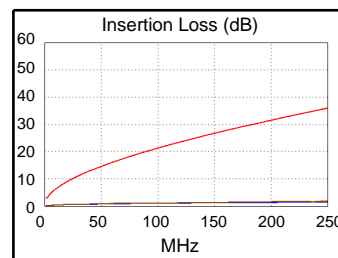


16 ft



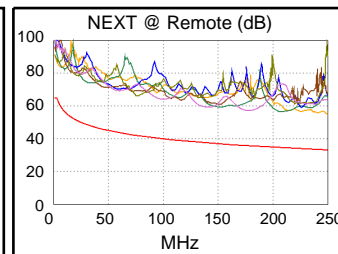
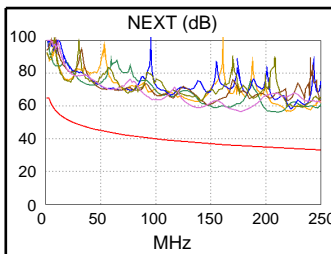
Wire Map (T568B)

PASS

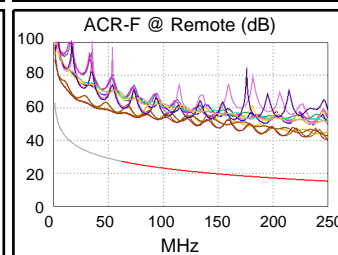
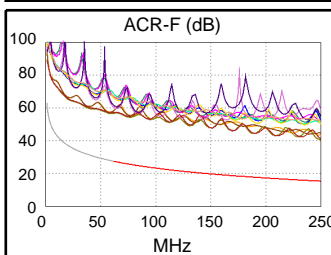


Worst Case Margin Worst Case Value

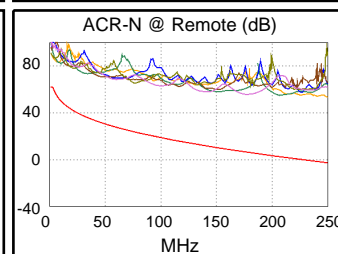
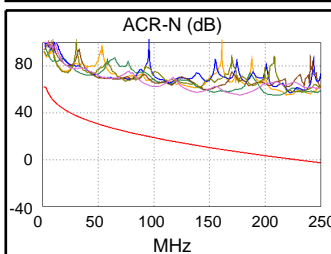
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-45	12-36
NEXT (dB)	20.8	21.5	21.8	21.8
Freq. (MHz)	177.0	175.5	210.0	250.0
Limit (dB)	35.7	35.8	34.4	33.1
Worst Pair	45	45	12	12
PS NEXT (dB)	21.4	21.3	22.7	22.0
Freq. (MHz)	144.0	143.5	222.5	215.5
Limit (dB)	34.3	34.4	31.0	31.3



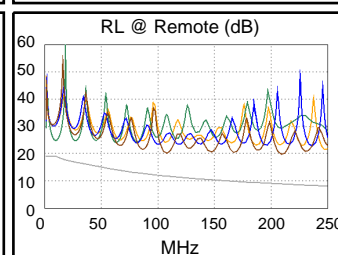
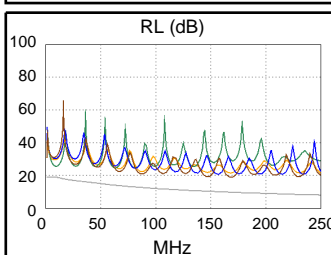
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	25.5	25.4	25.5	25.4
Freq. (MHz)	248.5	248.5	248.5	248.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	26.7	27.0	26.7	27.0
Freq. (MHz)	250.0	248.5	250.0	248.5
Limit (dB)	12.3	12.4	12.3	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-36
ACR-N (dB)	27.2	25.4	52.8	56.1
Freq. (MHz)	3.0	3.1	210.0	250.0
Limit (dB)	61.5	61.2	2.0	-2.8
Worst Pair	36	36	12	12
PS ACR-N (dB)	26.8	25.6	54.7	53.5
Freq. (MHz)	3.3	3.1	222.5	215.5
Limit (dB)	58.4	58.4	-2.5	-1.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	6.6	5.8	9.0	10.9
Freq. (MHz)	9.0	9.1	168.0	209.0
Limit (dB)	19.0	19.0	9.7	8.8



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-5M-2

Date / Time: 10/15/2018 11:05:45 AM

Headroom 10.3 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

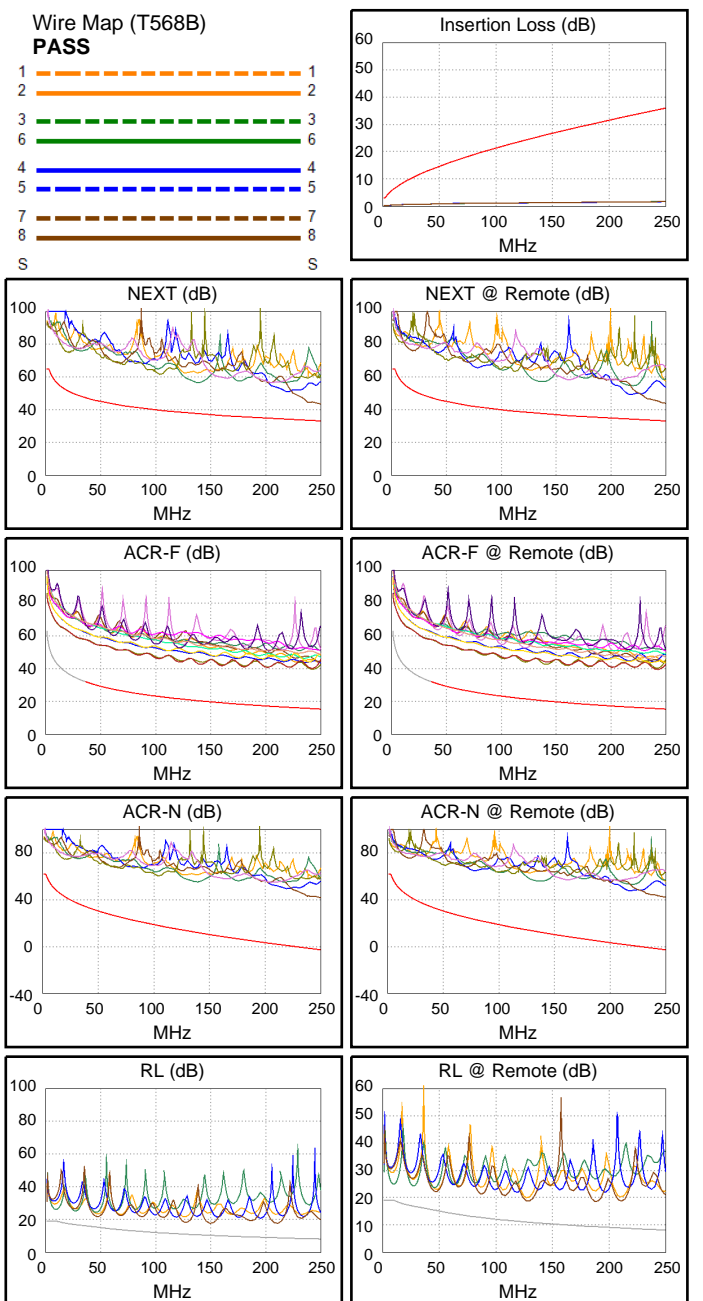
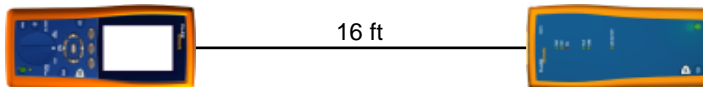
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 36]	26
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.0
Insertion Loss Margin (dB)	[Pair 12]	34.2
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	10.3	10.9	10.3	10.9
Freq. (MHz)	250.0	248.0	250.0	249.5
Limit (dB)	33.1	33.2	33.1	33.1
Worst Pair	36	36	36	36
PS NEXT (dB)	13.1	13.6	13.1	13.6
Freq. (MHz)	250.0	249.5	250.0	249.5
Limit (dB)	30.2	30.2	30.2	30.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	22.3	22.3	24.0	23.9
Freq. (MHz)	141.0	141.0	242.0	242.0
Limit (dB)	20.3	20.3	15.6	15.6
Worst Pair	36	45	36	36
PS ACR-F (dB)	24.7	24.4	26.2	26.2
Freq. (MHz)	121.5	1.0	241.5	242.0
Limit (dB)	18.6	60.3	12.6	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-45
ACR-N (dB)	28.2	25.1	44.6	45.2
Freq. (MHz)	2.9	2.6	250.0	249.5
Limit (dB)	61.6	61.7	-2.8	-2.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	27.2	25.3	47.4	47.8
Freq. (MHz)	3.1	3.5	249.5	249.5
Limit (dB)	58.4	57.7	-5.7	-5.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	6.5	5.9	8.7	9.2
Freq. (MHz)	46.0	9.0	210.5	187.5
Limit (dB)	15.4	19.0	8.8	9.3

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-5M-3

Date / Time: 10/15/2018 11:06:00 AM

Headroom 14.4 dB (NEXT 12-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

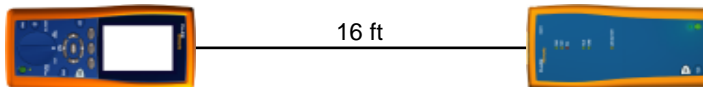
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

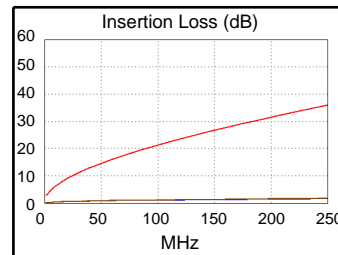
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 36]	26
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.0
Insertion Loss Margin (dB)	[Pair 12]	34.0
Frequency (MHz)	[Pair 12]	249.5
Limit (dB)	[Pair 12]	35.9



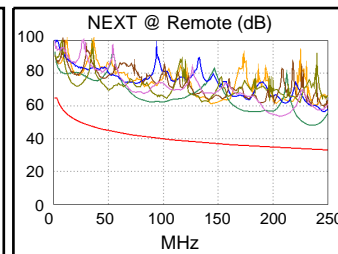
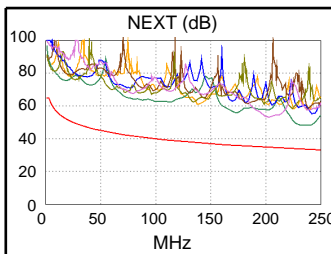
Wire Map (T568B)

PASS

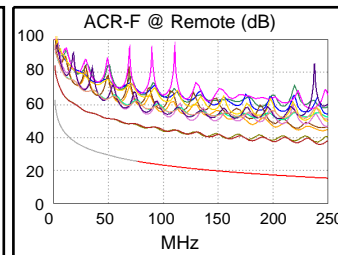
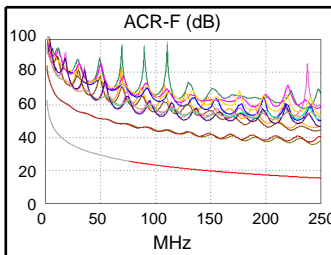


Worst Case Margin Worst Case Value

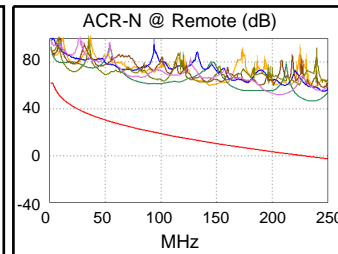
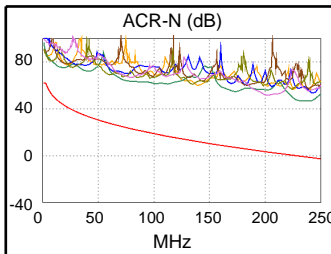
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	14.4	14.5	14.4	14.5
Freq. (MHz)	234.5	235.5	234.5	235.5
Limit (dB)	33.6	33.6	33.6	33.6
Worst Pair	12	12	12	12
PS NEXT (dB)	16.7	17.1	16.7	17.1
Freq. (MHz)	238.5	234.0	238.5	235.5
Limit (dB)	30.5	30.7	30.5	30.6



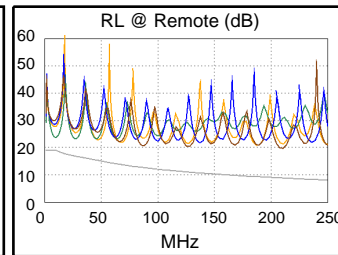
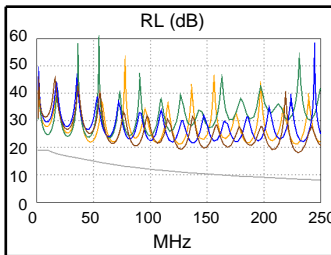
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	19.9	19.9	20.3	20.2
Freq. (MHz)	179.5	179.5	242.0	242.0
Limit (dB)	18.2	18.2	15.6	15.6
Worst Pair	36	36	45	36
PS ACR-F (dB)	22.5	22.4	23.3	22.7
Freq. (MHz)	1.0	179.5	242.0	242.0
Limit (dB)	60.3	15.2	12.6	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-45	12-45	12-45
ACR-N (dB)	24.2	23.8	47.4	47.6
Freq. (MHz)	3.1	3.3	234.5	235.5
Limit (dB)	61.2	60.9	-1.0	-1.1
Worst Pair	36	12	12	12
PS ACR-N (dB)	23.5	23.9	49.9	50.1
Freq. (MHz)	3.3	3.3	238.5	235.5
Limit (dB)	58.4	58.4	-4.4	-4.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	5.7	4.7	9.7	10.8
Freq. (MHz)	9.3	9.3	229.5	209.0
Limit (dB)	19.0	19.0	8.4	8.8



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-5M-4

Date / Time: 10/15/2018 11:06:15 AM
Headroom 18.4 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

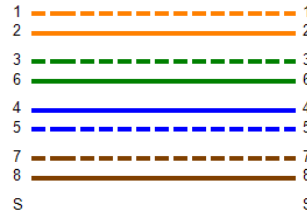
Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 36]	26
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.1
Insertion Loss Margin (dB)	[Pair 12]	34.1
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



16 ft

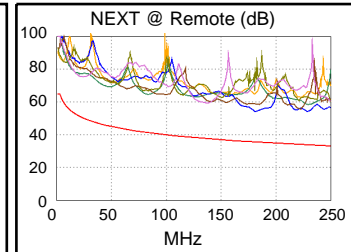
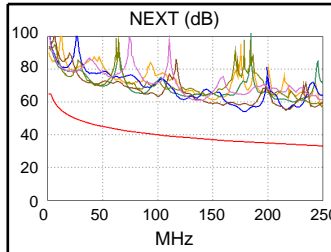


Wire Map (T568B)
PASS

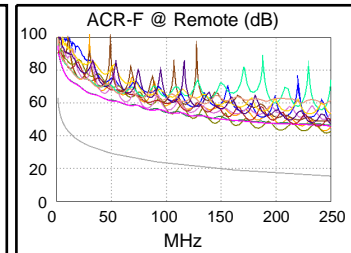
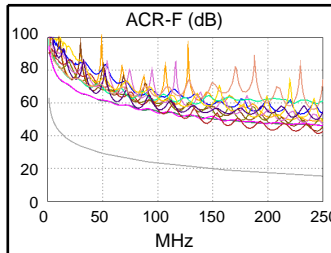


Worst Case Margin Worst Case Value

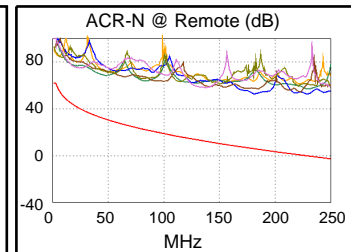
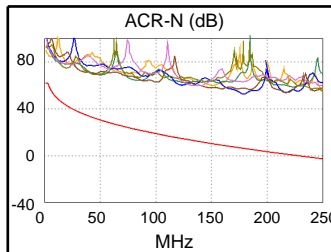
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	18.4	18.6	18.4	18.6
Freq. (MHz)	178.0	181.0	178.5	181.0
Limit (dB)	35.7	35.5	35.6	35.5
Worst Pair	78	12	36	12
PS NEXT (dB)	20.9	21.1	23.3	21.8
Freq. (MHz)	178.5	180.5	249.0	228.5
Limit (dB)	32.7	32.6	30.2	30.8



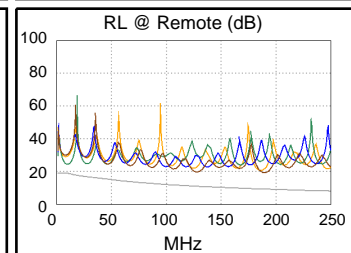
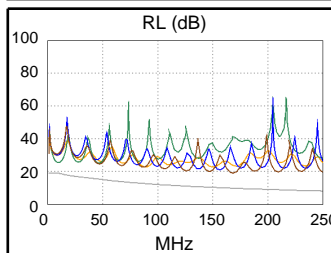
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	26.0	26.2	26.0	26.2
Freq. (MHz)	244.5	244.5	246.0	246.0
Limit (dB)	15.5	15.5	15.4	15.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	27.8	27.7	27.8	27.7
Freq. (MHz)	244.5	244.5	244.5	244.5
Limit (dB)	12.5	12.5	12.5	12.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-78	12-78
ACR-N (dB)	25.0	25.1	46.4	52.8
Freq. (MHz)	3.0	3.0	178.5	228.5
Limit (dB)	61.5	61.5	6.1	-0.3
Worst Pair	36	36	36	12
PS ACR-N (dB)	26.3	25.7	57.5	54.2
Freq. (MHz)	2.1	3.0	249.0	228.5
Limit (dB)	59.0	58.5	-5.7	-3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	6.4	5.3	9.3	9.8
Freq. (MHz)	9.6	9.8	168.0	190.0
Limit (dB)	19.0	19.0	9.7	9.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-5M-5

Date / Time: 10/15/2018 11:06:29 AM

Headroom 13.7 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

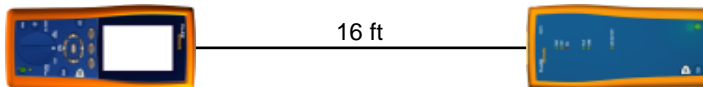
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

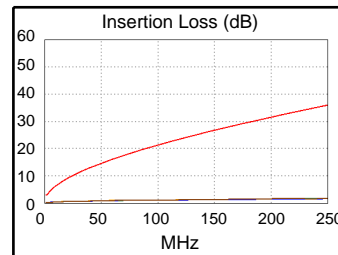
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	16
Prop. Delay (ns), Limit 555	[Pair 36]	26
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.0
Insertion Loss Margin (dB)	[Pair 12]	34.2
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



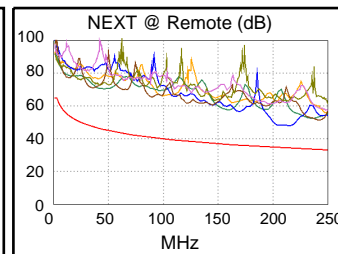
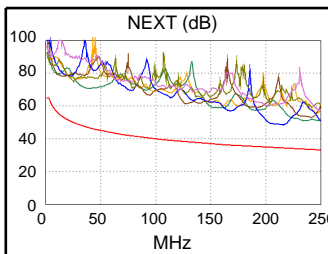
Wire Map (T568B)

PASS

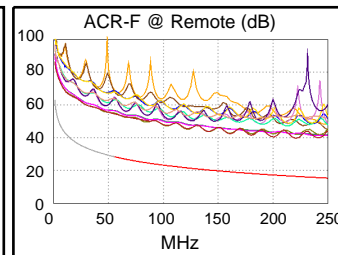
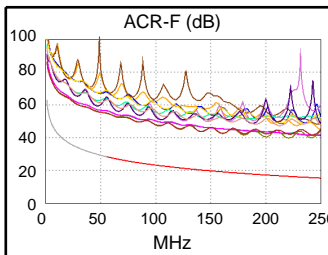


Worst Case Margin Worst Case Value

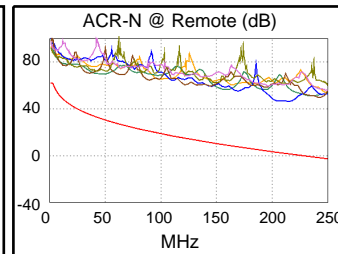
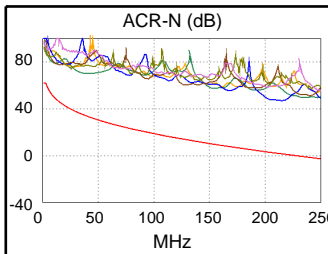
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	14.3	13.7	14.3	13.7
Freq. (MHz)	214.0	203.5	216.0	214.0
Limit (dB)	34.3	34.7	34.2	34.3
Worst Pair	12	12	12	12
PS NEXT (dB)	16.6	16.2	17.6	16.2
Freq. (MHz)	216.0	215.5	249.0	215.5
Limit (dB)	31.3	31.3	30.2	31.3



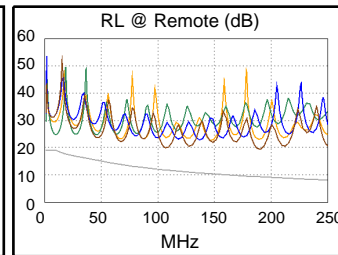
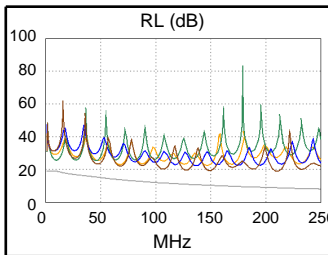
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	23.2	23.2	23.4	23.3
Freq. (MHz)	199.5	199.5	220.0	220.0
Limit (dB)	17.3	17.3	16.4	16.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	24.2	24.2	24.8	25.8
Freq. (MHz)	160.0	140.5	239.5	243.5
Limit (dB)	16.2	17.3	12.7	12.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-78	12-78
ACR-N (dB)	25.7	26.2	45.7	44.9
Freq. (MHz)	2.8	3.0	216.0	214.0
Limit (dB)	61.6	61.5	1.2	1.5
Worst Pair	36	36	12	12
PS ACR-N (dB)	26.2	26.3	51.8	47.7
Freq. (MHz)	3.4	3.3	249.0	216.0
Limit (dB)	58.0	58.4	-5.7	-1.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	6.7	5.8	10.0	10.1
Freq. (MHz)	9.0	9.1	210.0	189.5
Limit (dB)	19.0	19.0	8.8	9.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-15M-1

Date / Time: 10/15/2018 11:08:22 AM

Headroom 10.2 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

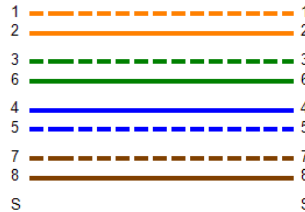
Length (ft), Limit 328	[Pair 78]	49
Prop. Delay (ns), Limit 555	[Pair 36]	76
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 36]	2.9
Insertion Loss Margin (dB)	[Pair 12]	29.0
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



49 ft

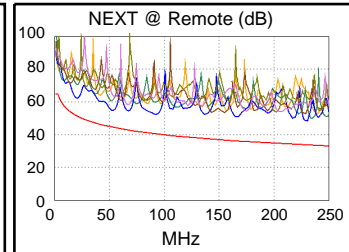
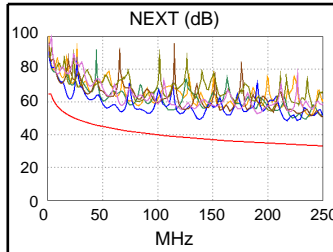


Wire Map (T568B)
PASS

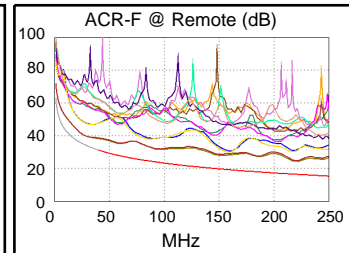
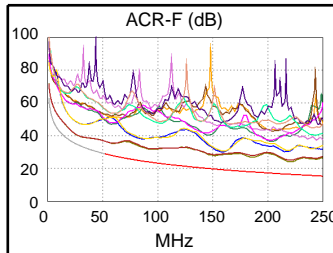


Worst Case Margin Worst Case Value

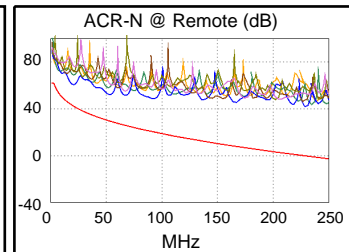
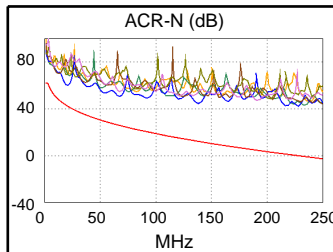
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	10.2	10.3	14.6	14.3
Freq. (MHz)	19.6	51.8	227.5	229.0
Limit (dB)	51.8	44.8	33.8	33.8
Worst Pair	12	12	12	78
PS NEXT (dB)	12.3	12.0	16.1	16.9
Freq. (MHz)	20.5	51.3	228.0	229.0
Limit (dB)	48.8	42.1	30.9	30.8



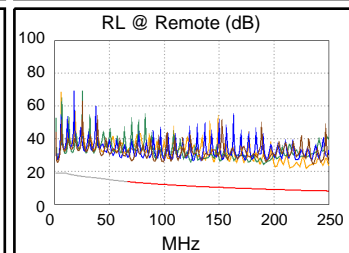
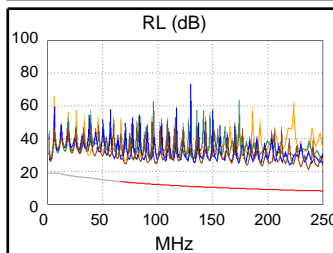
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	5.5	5.6	7.6	7.9
Freq. (MHz)	26.6	26.4	218.5	220.5
Limit (dB)	34.8	34.8	16.5	16.4
Worst Pair	45	36	45	36
PS ACR-F (dB)	8.5	8.5	10.5	10.5
Freq. (MHz)	26.6	26.6	218.5	218.5
Limit (dB)	31.8	31.8	13.5	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	17.6	18.0	42.3	42.1
Freq. (MHz)	19.0	19.3	227.5	229.5
Limit (dB)	43.2	43.1	-0.2	-0.4
Worst Pair	12	12	12	12
PS ACR-N (dB)	18.4	18.7	43.8	44.7
Freq. (MHz)	3.3	3.6	228.0	230.0
Limit (dB)	58.4	57.4	-3.2	-3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
RL (dB)	10.9	12.5	13.0	12.5
Freq. (MHz)	70.5	215.5	237.0	215.5
Limit (dB)	13.5	8.7	8.3	8.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-15M-2

Date / Time: 10/15/2018 11:08:46 AM

Headroom 12.9 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

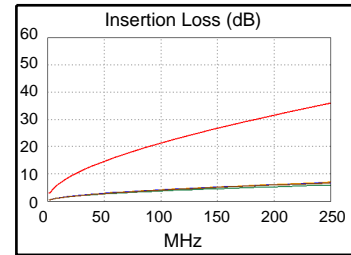
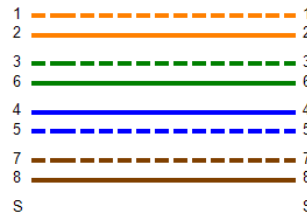
Length (ft), Limit 328	[Pair 78]	49
Prop. Delay (ns), Limit 555	[Pair 36]	76
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 36]	2.9
Insertion Loss Margin (dB)	[Pair 12]	29.0
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



49 ft

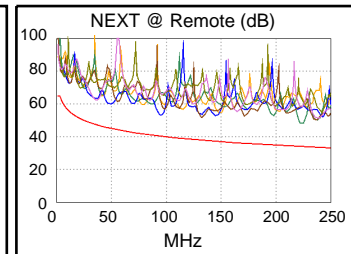
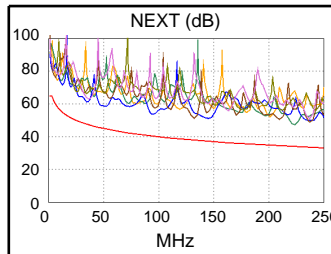


Wire Map (T568B)
PASS

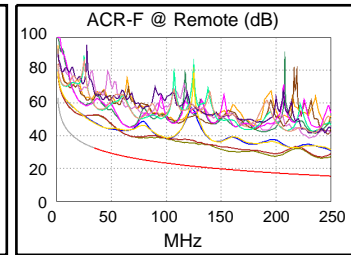
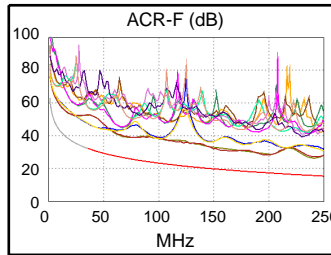


Worst Case Margin Worst Case Value

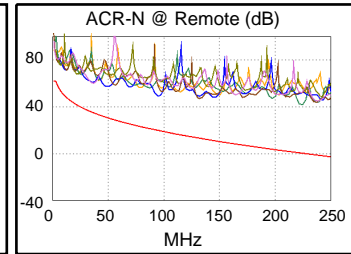
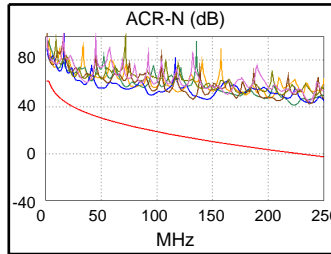
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-78	12-45	12-45
NEXT (dB)	13.3	12.9	13.3	13.7
Freq. (MHz)	223.0	95.0	223.0	223.5
Limit (dB)	34.0	40.3	34.0	34.0
Worst Pair	78	78	45	45
PS NEXT (dB)	13.6	14.8	15.2	15.3
Freq. (MHz)	34.5	35.5	237.0	237.5
Limit (dB)	45.0	44.8	30.6	30.5



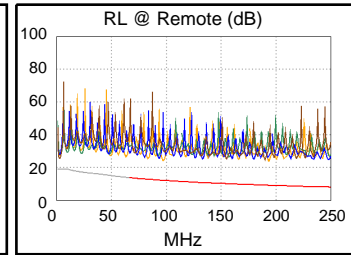
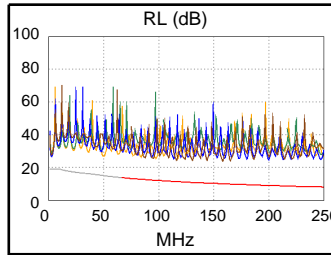
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	10.6	10.1	10.6	10.6
Freq. (MHz)	239.5	197.0	241.0	241.5
Limit (dB)	15.7	17.4	15.6	15.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	13.4	13.5	13.4	13.5
Freq. (MHz)	239.5	239.5	239.5	241.0
Limit (dB)	12.7	12.7	12.7	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-45	12-45
ACR-N (dB)	19.3	20.0	40.7	41.2
Freq. (MHz)	3.0	3.5	223.0	223.5
Limit (dB)	61.5	60.2	0.4	0.3
Worst Pair	78	45	45	45
PS ACR-N (dB)	19.2	20.0	43.6	43.6
Freq. (MHz)	3.3	3.3	237.0	237.5
Limit (dB)	58.4	58.4	-4.3	-4.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
RL (dB)	13.0	12.0	14.0	14.7
Freq. (MHz)	116.0	97.0	166.0	193.5
Limit (dB)	11.4	12.1	9.8	9.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-15M-3

Date / Time: 10/15/2018 11:09:16 AM

Headroom 11.3 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

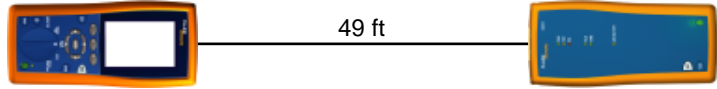
Main S/N: 1019229

Remote S/N: 1019230

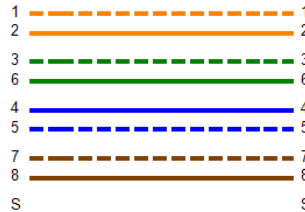
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	49
Prop. Delay (ns), Limit 555	[Pair 36]	76
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 36]	3.0
Insertion Loss Margin (dB)	[Pair 12]	29.0
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

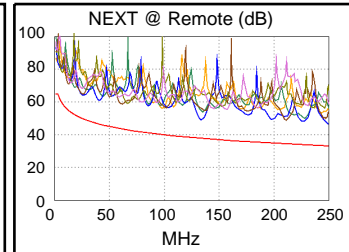
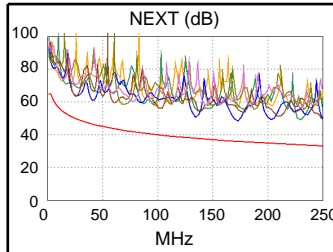


Wire Map (T568B)
PASS

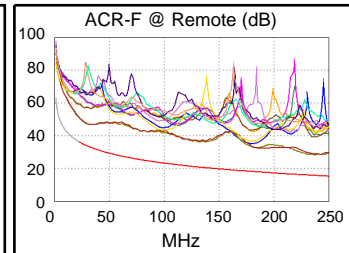
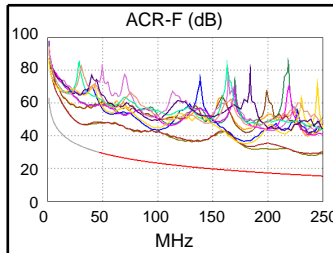


Worst Case Margin Worst Case Value

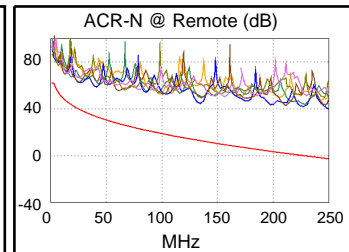
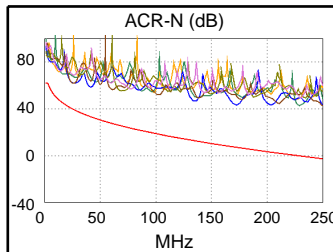
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	12.6	11.3	12.6	13.6
Freq. (MHz)	172.0	133.5	172.0	249.5
Limit (dB)	35.9	37.8	35.9	33.1
Worst Pair	12	12	12	12
PS NEXT (dB)	14.4	12.9	16.6	15.6
Freq. (MHz)	134.5	134.0	229.0	250.0
Limit (dB)	34.9	34.9	30.8	30.2



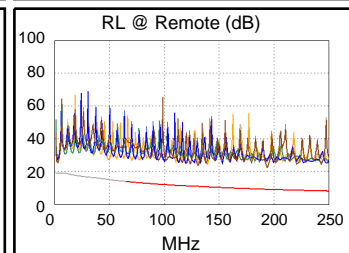
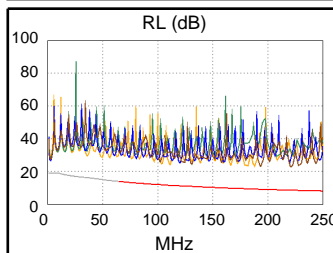
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	12.1	12.5	12.1	12.5
Freq. (MHz)	236.5	237.0	236.5	237.0
Limit (dB)	15.8	15.8	15.8	15.8
Worst Pair	45	36	45	36
PS ACR-F (dB)	15.0	14.8	15.0	14.8
Freq. (MHz)	236.5	236.5	236.5	236.5
Limit (dB)	12.8	12.8	12.8	12.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-45	12-78
ACR-N (dB)	21.7	22.0	43.0	42.8
Freq. (MHz)	3.1	11.8	229.5	250.0
Limit (dB)	61.2	48.6	-0.4	-2.8
Worst Pair	78	12	12	12
PS ACR-N (dB)	21.9	22.3	44.2	44.7
Freq. (MHz)	3.3	3.4	229.0	250.0
Limit (dB)	58.4	58.0	-3.3	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	78
RL (dB)	12.5	12.9	12.9	13.4
Freq. (MHz)	111.0	130.5	180.5	194.0
Limit (dB)	11.5	10.8	9.4	9.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-15M-4

Date / Time: 10/15/2018 11:09:31 AM

Headroom 10.3 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

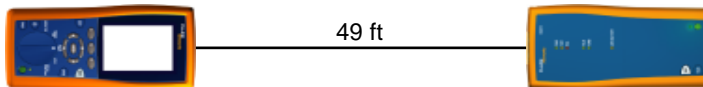
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	49
Prop. Delay (ns), Limit 555	[Pair 36]	76
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 36]	2.9
Insertion Loss Margin (dB)	[Pair 12]	29.0
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

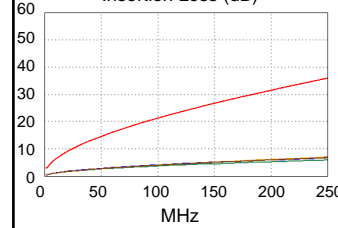


Wire Map (T568B)

PASS

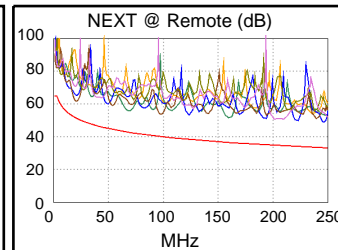
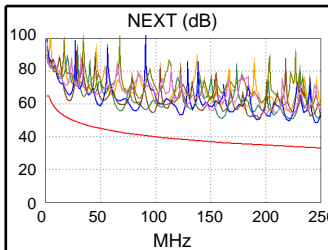


Insertion Loss (dB)

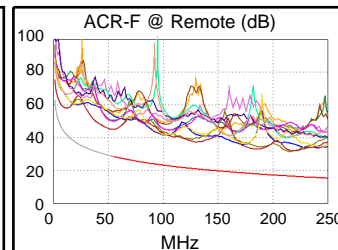
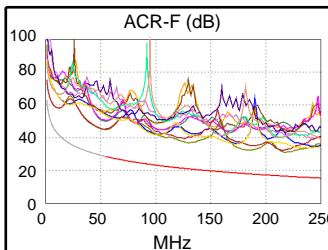


Worst Case Margin Worst Case Value

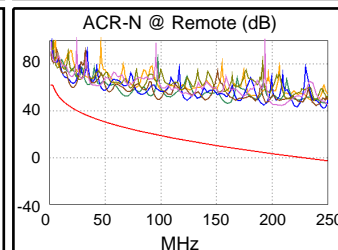
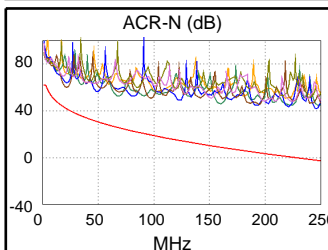
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
NEXT (dB)	10.6	10.3	15.3	15.8
Freq. (MHz)	20.8	20.1	245.5	246.0
Limit (dB)	51.4	51.6	33.3	33.2
Worst Pair	36	45	12	12
PS NEXT (dB)	12.9	12.4	15.6	17.4
Freq. (MHz)	20.8	20.0	221.5	245.0
Limit (dB)	48.7	49.0	31.1	30.3



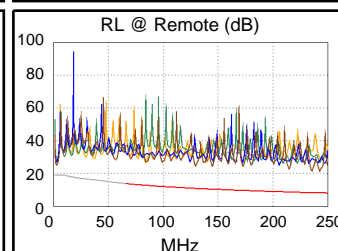
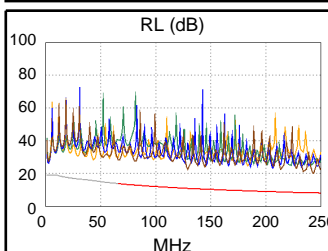
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	36-45
ACR-F (dB)	12.5	12.4	14.6	14.8
Freq. (MHz)	2.1	2.1	216.5	215.5
Limit (dB)	56.7	56.7	16.5	16.6
Worst Pair	45	45	45	36
PS ACR-F (dB)	14.7	14.5	17.0	17.0
Freq. (MHz)	1.0	1.0	216.5	218.0
Limit (dB)	60.3	60.3	13.5	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-78
ACR-N (dB)	18.1	17.7	44.3	44.8
Freq. (MHz)	20.8	19.4	245.5	246.0
Limit (dB)	42.2	43.0	-2.3	-2.4
Worst Pair	36	45	12	12
PS ACR-N (dB)	20.4	19.7	45.5	46.2
Freq. (MHz)	21.0	19.5	246.5	246.5
Limit (dB)	39.4	40.3	-5.4	-5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	11.4	13.0	12.0	13.0
Freq. (MHz)	129.5	243.5	243.0	243.5
Limit (dB)	10.9	8.1	8.1	8.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-15M-5

Date / Time: 10/15/2018 11:09:45 AM

Headroom 11.8 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

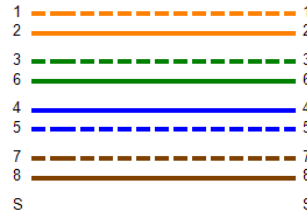
Length (ft), Limit 328	[Pair 78]	49
Prop. Delay (ns), Limit 555	[Pair 36]	76
Delay Skew (ns), Limit 50	[Pair 36]	4
Resistance (ohms)	[Pair 36]	2.9
Insertion Loss Margin (dB)	[Pair 12]	29.0
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



49 ft

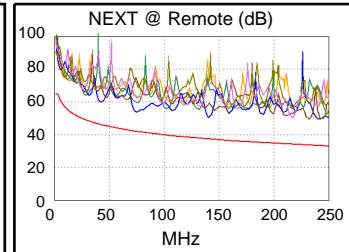
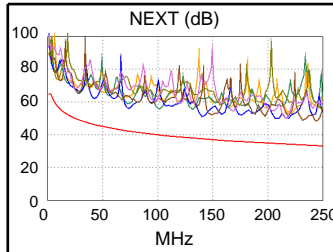


Wire Map (T568B)
PASS

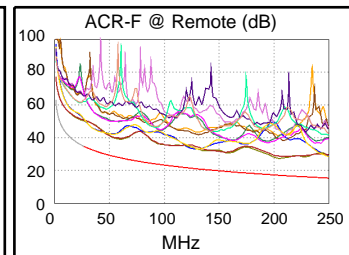
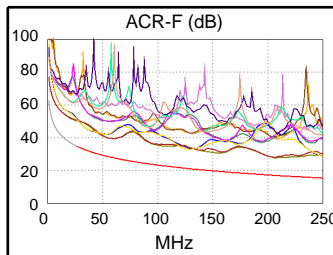


Worst Case Margin Worst Case Value

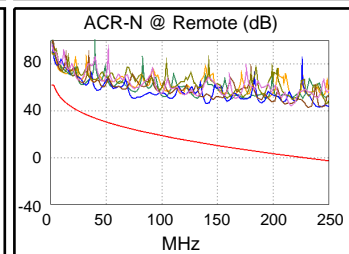
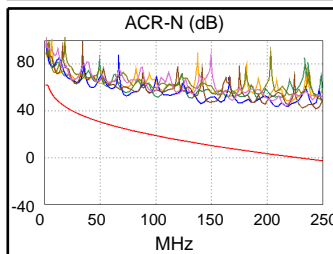
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	13.3	11.8	14.7	15.4
Freq. (MHz)	141.0	74.8	244.0	231.0
Limit (dB)	37.4	42.1	33.3	33.7
Worst Pair	12	12	78	45
PS NEXT (dB)	14.5	13.3	15.8	16.3
Freq. (MHz)	72.3	74.5	216.0	216.0
Limit (dB)	39.5	39.3	31.3	31.3



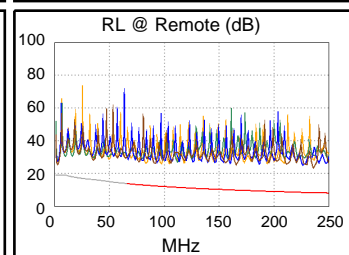
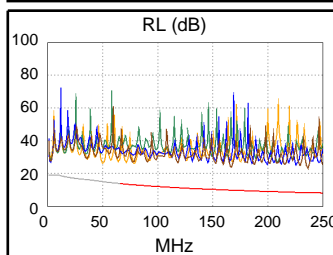
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	10.7	10.2	10.7	10.2
Freq. (MHz)	206.0	205.5	207.5	205.5
Limit (dB)	17.0	17.0	16.9	17.0
Worst Pair	45	36	45	36
PS ACR-F (dB)	13.5	13.5	13.5	13.5
Freq. (MHz)	154.5	206.0	207.5	207.5
Limit (dB)	16.5	14.0	13.9	13.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-45	36-45
ACR-N (dB)	20.8	21.8	43.5	43.4
Freq. (MHz)	8.0	6.9	244.0	231.0
Limit (dB)	52.5	54.0	-2.1	-0.6
Worst Pair	36	36	45	45
PS ACR-N (dB)	21.0	21.3	45.9	43.2
Freq. (MHz)	10.0	8.1	244.0	216.0
Limit (dB)	47.7	49.8	-5.1	-1.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	78
RL (dB)	13.0	13.4	14.8	14.8
Freq. (MHz)	78.5	83.3	236.5	236.5
Limit (dB)	13.1	12.8	8.3	8.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-10M-1

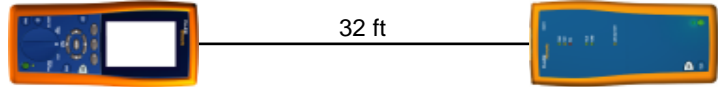
Date / Time: 10/15/2018 11:10:19 AM
Headroom 14.4 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

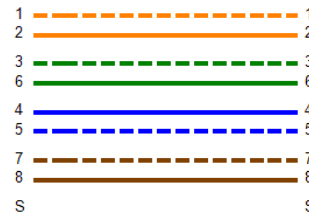
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	32
Prop. Delay (ns), Limit 555	[Pair 36]	51
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	2.0
Insertion Loss Margin (dB)	[Pair 12]	31.4
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

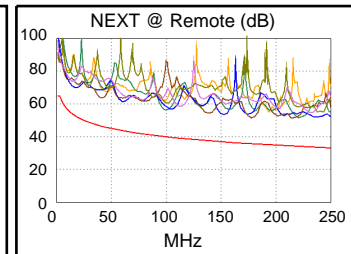
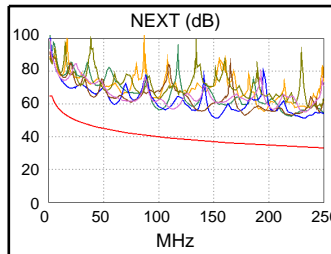


Wire Map (T568B)
PASS

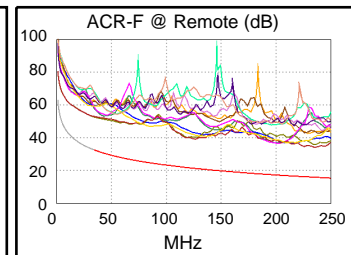
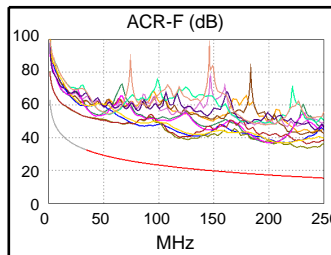


Worst Case Margin Worst Case Value

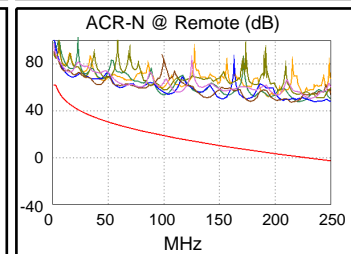
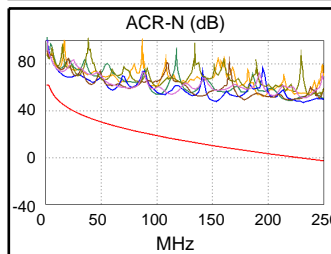
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	36-45
NEXT (dB)	14.4	15.8	17.4	16.8
Freq. (MHz)	152.5	177.0	232.0	214.5
Limit (dB)	36.8	35.7	33.7	34.3
Worst Pair	12	12	12	45
PS NEXT (dB)	16.6	16.6	18.7	17.6
Freq. (MHz)	101.0	99.0	231.0	219.5
Limit (dB)	37.0	37.2	30.8	31.1



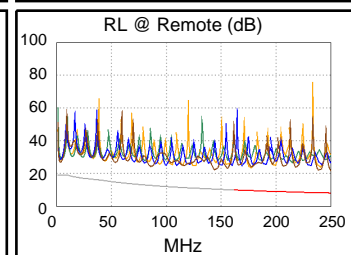
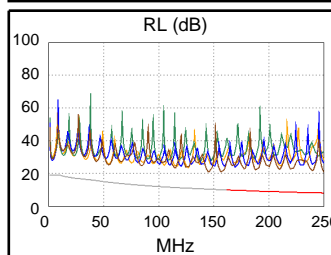
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	17.4	17.7	17.8	18.3
Freq. (MHz)	125.5	125.5	235.0	235.0
Limit (dB)	21.3	21.3	15.8	15.8
Worst Pair	45	45	45	36
PS ACR-F (dB)	19.3	19.7	19.3	20.2
Freq. (MHz)	204.0	1.0	204.0	235.0
Limit (dB)	14.1	60.3	14.1	12.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-78	36-45
ACR-N (dB)	22.6	23.3	47.7	45.8
Freq. (MHz)	2.4	2.9	232.0	214.5
Limit (dB)	61.9	61.6	-0.7	1.4
Worst Pair	36	36	12	45
PS ACR-N (dB)	22.1	22.1	48.8	46.9
Freq. (MHz)	2.8	2.5	231.0	219.5
Limit (dB)	58.6	58.8	-3.5	-2.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	10.5	11.7	10.6	13.5
Freq. (MHz)	145.0	145.0	157.5	250.0
Limit (dB)	10.4	10.4	10.0	8.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-10M-2

Date / Time: 10/15/2018 11:11:01 AM

Headroom 12.8 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

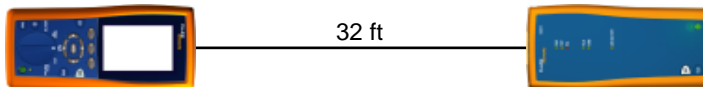
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

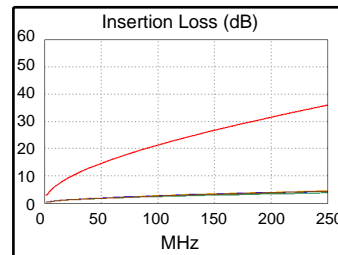
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	32
Prop. Delay (ns), Limit 555	[Pair 36]	51
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 12]	1.8
Insertion Loss Margin (dB)	[Pair 12]	31.4
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



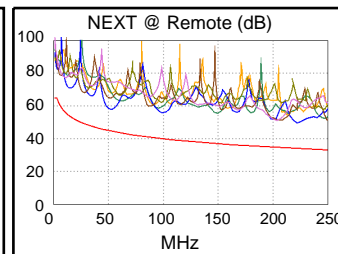
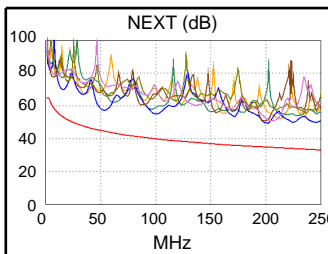
Wire Map (T568B)

PASS

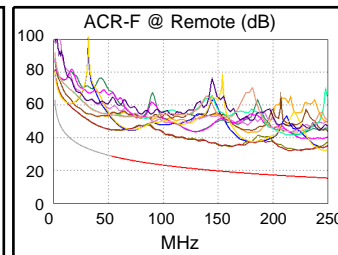
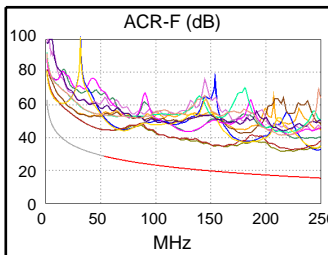


Worst Case Margin Worst Case Value

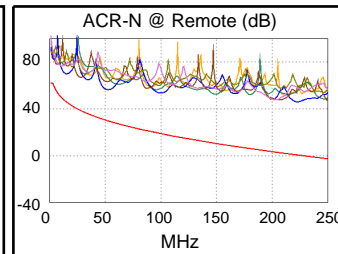
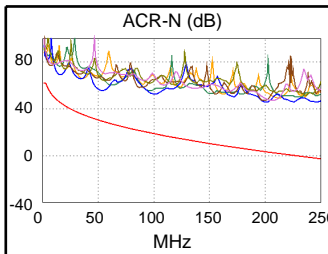
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	12.8	13.3	14.7	15.6
Freq. (MHz)	52.3	51.8	201.5	222.0
Limit (dB)	44.7	44.8	34.7	34.0
Worst Pair	78	12	78	45
PS NEXT (dB)	15.0	15.4	15.4	16.1
Freq. (MHz)	52.5	51.3	202.5	204.0
Limit (dB)	41.9	42.1	31.8	31.7



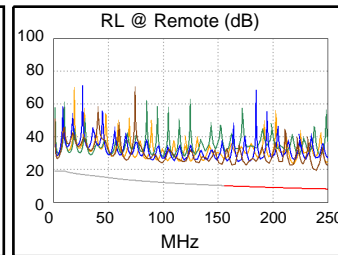
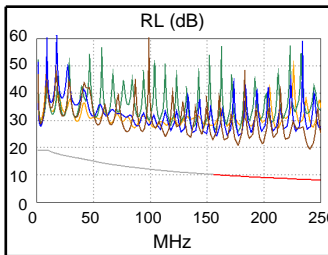
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	15.0	15.2	15.0	15.4
Freq. (MHz)	213.5	161.0	214.0	216.0
Limit (dB)	16.7	19.1	16.6	16.6
Worst Pair	45	36	45	12
PS ACR-F (dB)	17.3	17.9	17.6	19.1
Freq. (MHz)	215.0	213.5	225.5	246.0
Limit (dB)	13.6	13.7	13.2	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	12-78	12-78
ACR-N (dB)	21.6	21.1	42.5	45.1
Freq. (MHz)	5.1	3.0	201.5	222.0
Limit (dB)	56.8	61.5	3.1	0.5
Worst Pair	45	12	78	45
PS ACR-N (dB)	21.8	21.0	43.4	44.2
Freq. (MHz)	5.0	3.3	202.5	204.0
Limit (dB)	54.5	58.4	0.0	-0.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	11.2	11.1	11.2	11.1
Freq. (MHz)	240.5	238.5	240.5	238.5
Limit (dB)	8.2	8.2	8.2	8.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-10M-3

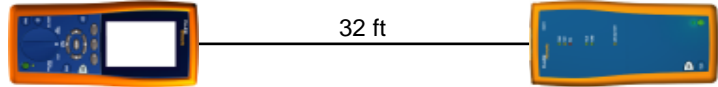
Date / Time: 10/15/2018 11:11:15 AM
Headroom 14.2 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

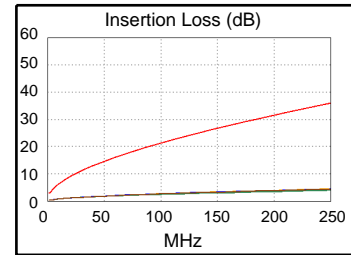
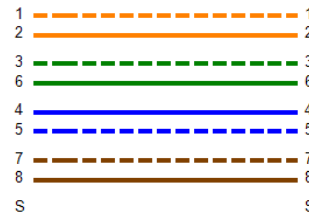
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	32
Prop. Delay (ns), Limit 555	[Pair 36]	50
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.9
Insertion Loss Margin (dB)	[Pair 12]	31.4
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

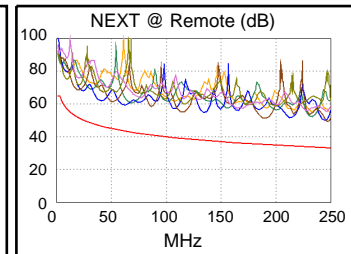
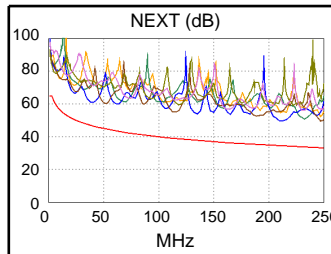


Wire Map (T568B)
PASS

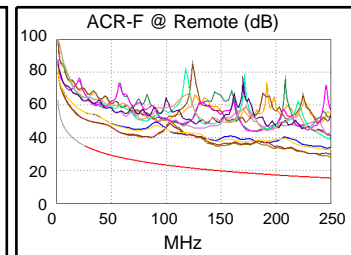
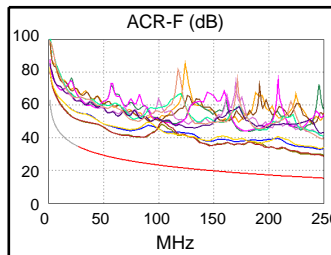


Worst Case Margin Worst Case Value

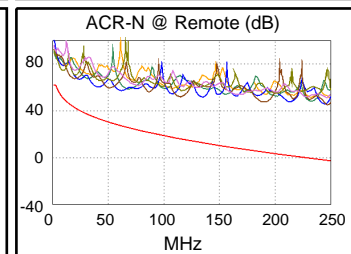
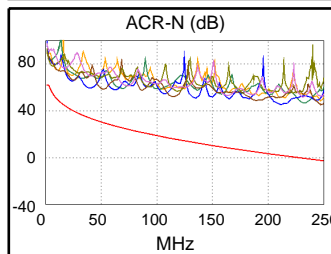
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
NEXT (dB)	14.2	15.4	14.8	16.1
Freq. (MHz)	38.3	40.3	211.0	247.0
Limit (dB)	47.0	46.6	34.4	33.2
Worst Pair	78	78	36	45
PS NEXT (dB)	16.4	16.9	17.4	18.1
Freq. (MHz)	39.0	40.5	247.0	247.0
Limit (dB)	44.1	43.8	30.2	30.2



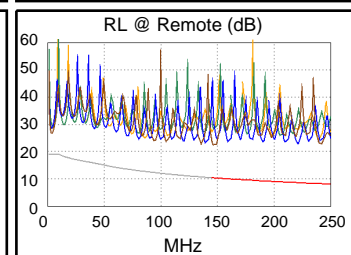
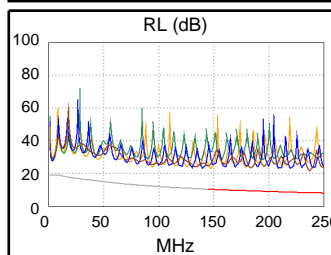
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.4	12.9	13.4	12.9
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	36	45	36	45
PS ACR-F (dB)	16.3	16.2	16.3	16.2
Freq. (MHz)	249.5	250.0	249.5	250.0
Limit (dB)	12.3	12.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-78	36-45
ACR-N (dB)	21.5	22.5	43.3	47.5
Freq. (MHz)	3.6	7.3	211.0	247.0
Limit (dB)	59.9	53.5	1.9	-2.5
Worst Pair	78	12	36	45
PS ACR-N (dB)	21.8	22.9	49.1	49.4
Freq. (MHz)	3.6	3.4	247.0	247.0
Limit (dB)	57.4	58.0	-5.4	-5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	78	78	78
RL (dB)	12.4	11.7	13.5	11.7
Freq. (MHz)	140.0	147.0	237.0	147.0
Limit (dB)	10.5	10.3	8.3	10.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-10M-4

Date / Time: 10/15/2018 11:11:30 AM

Headroom 14.0 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

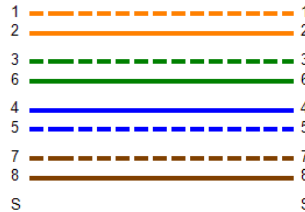
Length (ft), Limit 328	[Pair 12]	32
Prop. Delay (ns), Limit 555	[Pair 36]	51
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	1.9
Insertion Loss Margin (dB)	[Pair 12]	31.4
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



32 ft

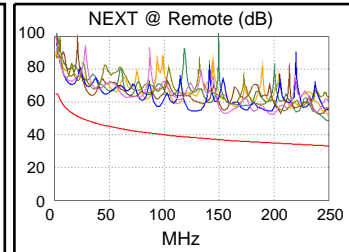
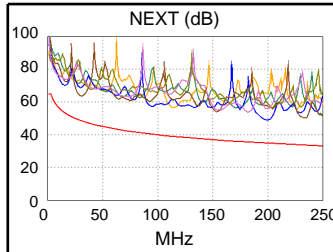


Wire Map (T568B)
PASS

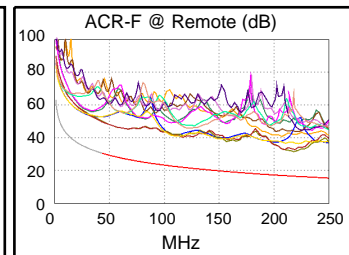
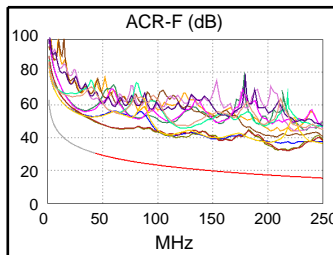


Worst Case Margin Worst Case Value

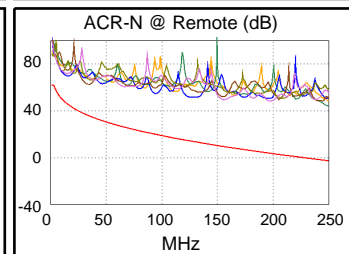
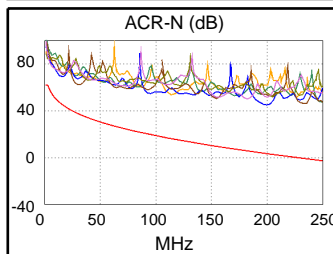
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-45	12-78	12-45
NEXT (dB)	14.0	15.5	14.0	15.5
Freq. (MHz)	198.0	248.5	198.5	248.5
Limit (dB)	34.9	33.2	34.8	33.2
Worst Pair	78	78	78	12
PS NEXT (dB)	15.8	15.9	15.8	16.1
Freq. (MHz)	198.5	10.8	198.5	249.5
Limit (dB)	31.9	53.5	31.9	30.2



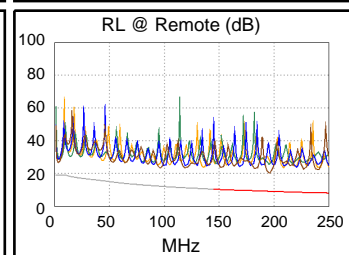
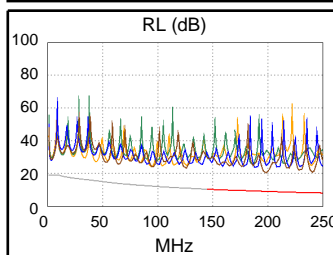
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.5	15.0	15.5	15.0
Freq. (MHz)	217.5	217.5	217.5	217.5
Limit (dB)	16.5	16.5	16.5	16.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	18.3	18.0	18.3	18.1
Freq. (MHz)	217.5	207.5	217.5	217.5
Limit (dB)	13.5	13.9	13.5	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-45
ACR-N (dB)	23.0	23.0	41.5	47.0
Freq. (MHz)	12.8	11.3	198.5	248.5
Limit (dB)	47.7	49.0	3.4	-2.7
Worst Pair	78	78	45	12
PS ACR-N (dB)	22.2	21.7	49.5	47.5
Freq. (MHz)	3.3	9.1	250.0	249.5
Limit (dB)	58.4	48.6	-5.8	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	11.3	11.1	11.3	11.1
Freq. (MHz)	198.5	196.0	198.5	196.0
Limit (dB)	9.0	9.1	9.0	9.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-10M-5

Date / Time: 10/15/2018 11:11:44 AM

Headroom 13.3 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	32
Prop. Delay (ns), Limit 555	[Pair 36]	50
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	1.9
Insertion Loss Margin (dB)	[Pair 12]	31.4
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



32 ft



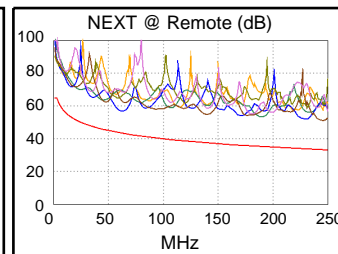
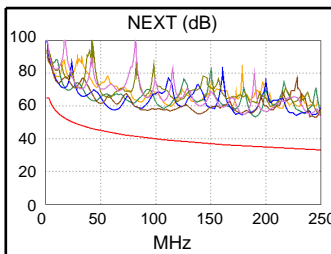
Wire Map (T568B)

PASS

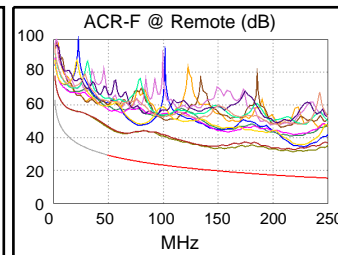
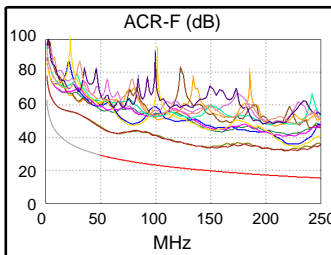


Worst Case Margin Worst Case Value

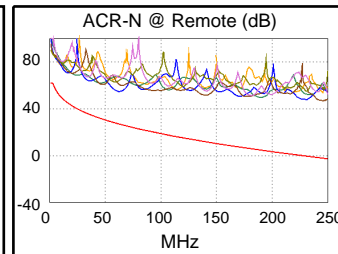
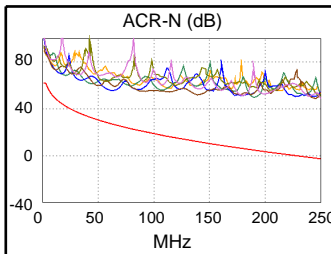
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	14.1	13.3	19.8	17.8
Freq. (MHz)	61.0	61.8	245.5	245.0
Limit (dB)	43.6	43.5	33.3	33.3
Worst Pair	78	78	45	36
PS NEXT (dB)	16.2	15.4	19.9	19.7
Freq. (MHz)	59.5	61.0	240.0	245.0
Limit (dB)	41.0	40.8	30.5	30.3



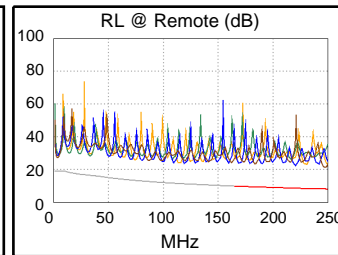
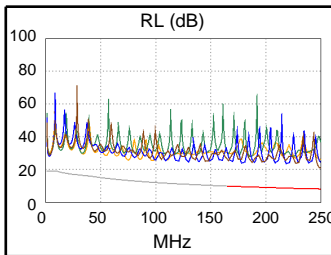
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.8	13.4	15.4	14.9
Freq. (MHz)	146.0	146.0	217.0	217.0
Limit (dB)	20.0	20.0	16.5	16.5
Worst Pair	36	45	45	45
PS ACR-F (dB)	16.8	16.6	18.1	17.8
Freq. (MHz)	146.0	146.0	218.5	217.0
Limit (dB)	17.0	17.0	13.5	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	45-78	36-45
ACR-N (dB)	23.6	24.7	51.6	49.2
Freq. (MHz)	9.9	3.0	250.0	245.0
Limit (dB)	50.4	61.5	-2.8	-2.3
Worst Pair	36	36	78	45
PS ACR-N (dB)	23.8	23.6	51.8	51.7
Freq. (MHz)	8.9	2.9	250.0	250.0
Limit (dB)	48.9	58.6	-5.8	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	78	78
RL (dB)	12.9	12.6	12.9	13.3
Freq. (MHz)	249.0	130.0	249.0	247.0
Limit (dB)	8.0	10.9	8.0	8.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-20M-1

Date / Time: 10/15/2018 11:12:18 AM

Headroom 10.3 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

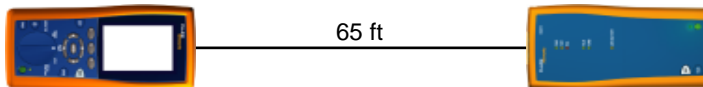
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

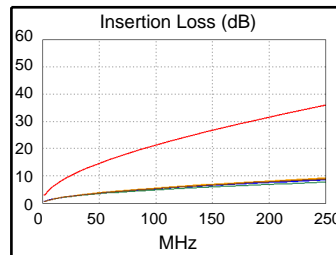
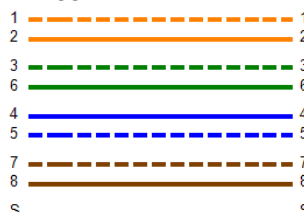
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	65
Prop. Delay (ns), Limit 555	[Pair 36]	102
Delay Skew (ns), Limit 50	[Pair 36]	6
Resistance (ohms)	[Pair 36]	3.7
Insertion Loss Margin (dB)	[Pair 12]	26.7
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



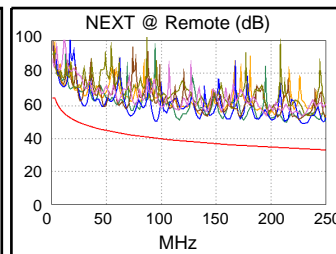
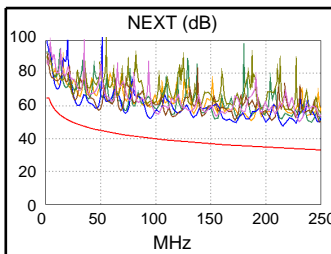
Wire Map (T568B)

PASS

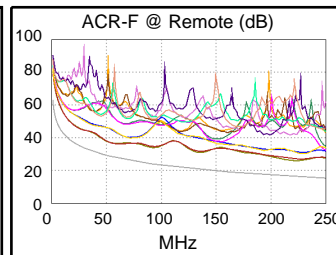
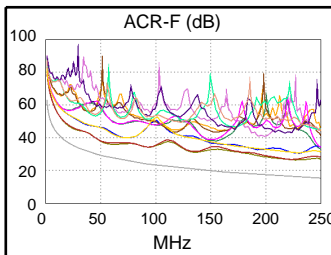


Worst Case Margin Worst Case Value

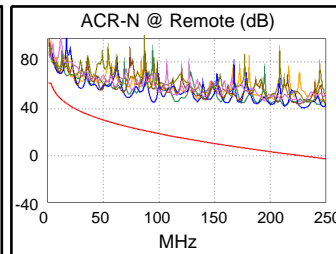
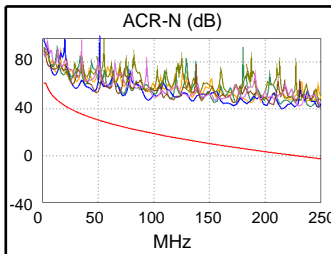
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	11.4	10.3	13.6	15.5
Freq. (MHz)	29.4	94.8	215.5	228.5
Limit (dB)	48.9	40.3	34.2	33.8
Worst Pair	12	12	12	12
PS NEXT (dB)	13.1	12.4	15.2	15.6
Freq. (MHz)	29.4	72.8	215.0	213.5
Limit (dB)	46.2	39.5	31.3	31.4



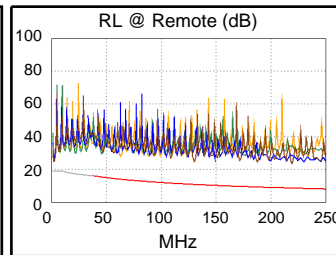
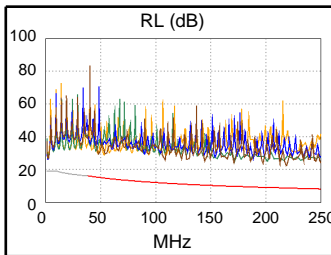
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	8.0	8.3	10.0	9.6
Freq. (MHz)	54.0	52.5	224.5	222.0
Limit (dB)	28.6	28.9	16.2	16.3
Worst Pair	45	36	45	36
PS ACR-F (dB)	10.9	11.0	13.6	12.9
Freq. (MHz)	54.0	54.0	250.0	224.5
Limit (dB)	25.6	25.6	12.3	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	18.9	19.6	38.3	41.2
Freq. (MHz)	9.5	29.1	215.5	228.5
Limit (dB)	50.8	38.0	1.3	-0.3
Worst Pair	12	12	12	12
PS ACR-N (dB)	20.0	19.7	39.8	43.8
Freq. (MHz)	10.0	9.4	215.0	250.0
Limit (dB)	47.7	48.3	-1.6	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	78
RL (dB)	13.5	13.7	13.7	15.1
Freq. (MHz)	129.0	62.8	218.5	219.0
Limit (dB)	10.9	14.0	8.6	8.6



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-20M-2

Date / Time: 10/15/2018 11:12:37 AM

Headroom 10.3 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

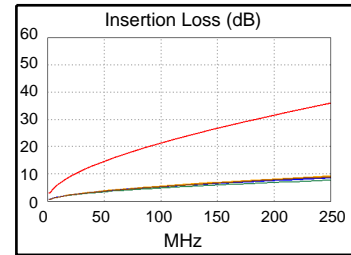
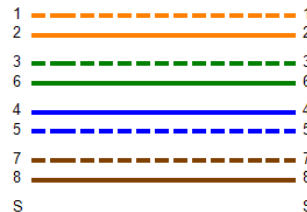
Length (ft), Limit 328	[Pair 78]	65
Prop. Delay (ns), Limit 555	[Pair 36]	101
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms)	[Pair 36]	3.8
Insertion Loss Margin (dB)	[Pair 12]	26.7
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



65 ft

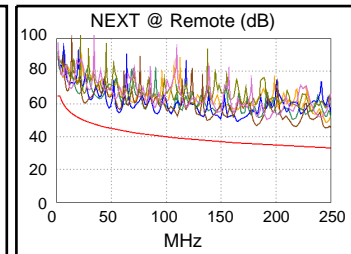
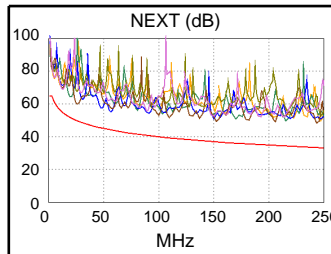


Wire Map (T568B)
PASS

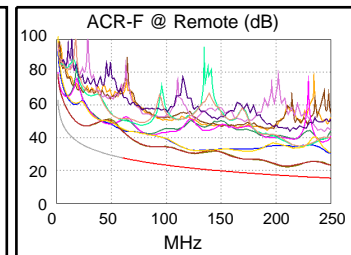
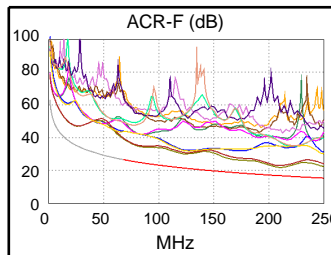


Worst Case Margin Worst Case Value

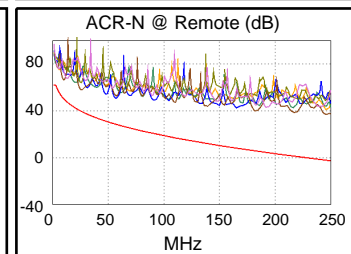
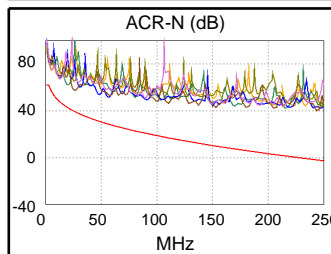
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	36-45
NEXT (dB)	10.3	10.6	14.8	12.1
Freq. (MHz)	25.5	56.5	244.0	245.5
Limit (dB)	49.9	44.1	33.3	33.3
Worst Pair	36	36	36	36
PS NEXT (dB)	12.2	12.4	15.9	13.2
Freq. (MHz)	25.6	25.3	245.0	245.5
Limit (dB)	47.2	47.3	30.3	30.3



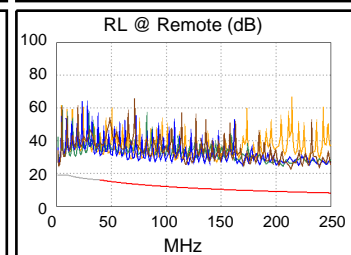
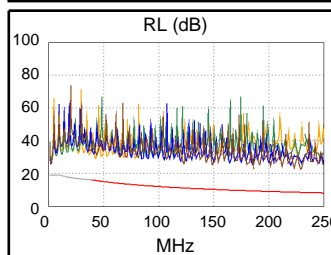
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	5.0	5.3	5.0	5.3
Freq. (MHz)	208.5	207.5	208.5	210.0
Limit (dB)	16.9	16.9	16.9	16.8
Worst Pair	45	36	45	36
PS ACR-F (dB)	7.8	8.0	7.8	8.0
Freq. (MHz)	208.5	208.5	208.5	208.5
Limit (dB)	13.9	13.9	13.9	13.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	17.4	15.9	41.9	39.3
Freq. (MHz)	4.3	9.5	244.0	245.5
Limit (dB)	58.5	50.8	-2.1	-2.3
Worst Pair	45	45	12	45
PS ACR-N (dB)	17.4	17.3	42.9	41.1
Freq. (MHz)	3.3	3.3	247.0	245.5
Limit (dB)	58.4	58.4	-5.4	-5.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	45	78	78
RL (dB)	13.4	14.0	14.1	14.1
Freq. (MHz)	42.5	65.0	229.0	213.5
Limit (dB)	15.7	13.9	8.4	8.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-20M-3

Date / Time: 10/15/2018 11:12:53 AM

Headroom 11.6 dB (NEXT 12-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

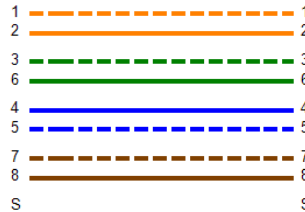
Length (ft), Limit 328	[Pair 78]	65
Prop. Delay (ns), Limit 555	[Pair 36]	101
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms)	[Pair 36]	3.8
Insertion Loss Margin (dB)	[Pair 12]	26.7
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



65 ft

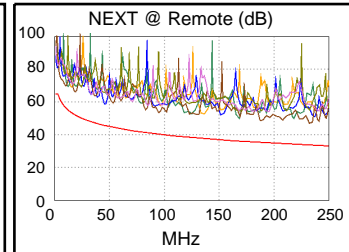
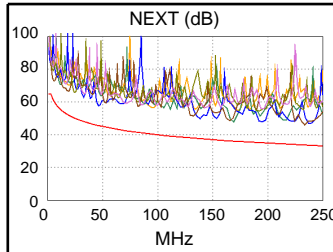


Wire Map (T568B)
PASS

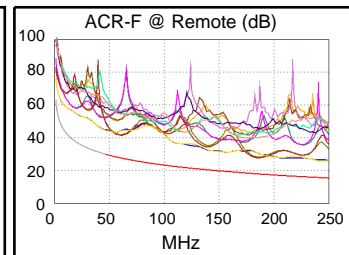
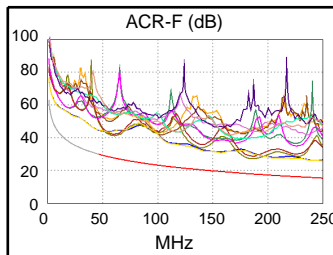


Worst Case Margin Worst Case Value

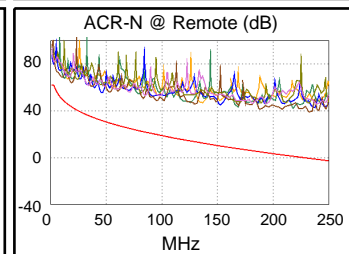
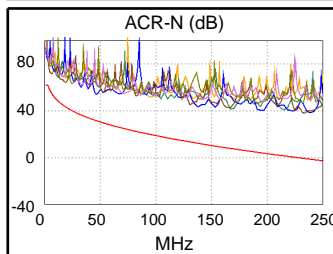
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-45	36-45	36-45
NEXT (dB)	11.6	12.5	11.8	12.5
Freq. (MHz)	168.0	233.5	233.0	233.5
Limit (dB)	36.1	33.6	33.6	33.6
Worst Pair	45	45	36	36
PS NEXT (dB)	12.3	13.7	14.4	15.0
Freq. (MHz)	168.0	168.0	233.0	233.5
Limit (dB)	33.2	33.2	30.7	30.7



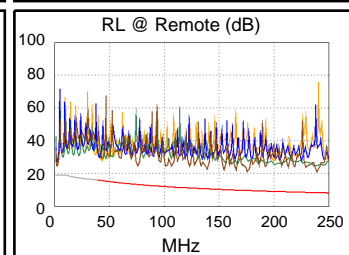
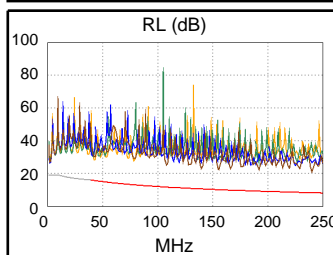
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	78-12	78-12
ACR-F (dB)	9.1	9.6	10.5	10.2
Freq. (MHz)	185.5	185.5	249.0	243.0
Limit (dB)	17.9	17.9	15.3	15.5
Worst Pair	45	36	12	78
PS ACR-F (dB)	12.0	11.9	13.3	13.5
Freq. (MHz)	184.0	185.5	249.0	249.0
Limit (dB)	15.0	14.9	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	15.5	17.4	38.2	39.0
Freq. (MHz)	5.0	5.1	233.0	233.5
Limit (dB)	57.0	56.8	-0.8	-0.9
Worst Pair	36	36	45	45
PS ACR-N (dB)	16.7	18.7	41.0	41.5
Freq. (MHz)	5.0	5.0	233.0	233.5
Limit (dB)	54.5	54.5	-3.8	-3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	12.2	11.3	12.5	12.4
Freq. (MHz)	155.5	176.5	240.5	239.5
Limit (dB)	10.1	9.5	8.2	8.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-20M-4

Date / Time: 10/15/2018 11:13:08 AM

Headroom 11.1 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

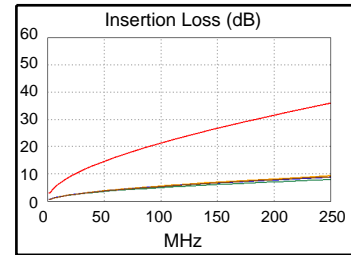
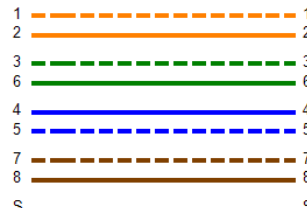
Length (ft), Limit 328	[Pair 78]	65
Prop. Delay (ns), Limit 555	[Pair 36]	102
Delay Skew (ns), Limit 50	[Pair 36]	6
Resistance (ohms)	[Pair 36]	3.8
Insertion Loss Margin (dB)	[Pair 12]	26.6
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



65 ft

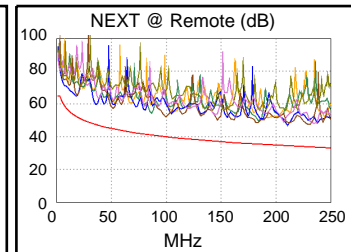
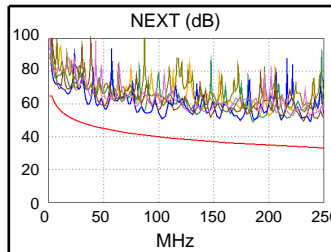


Wire Map (T568B)
PASS

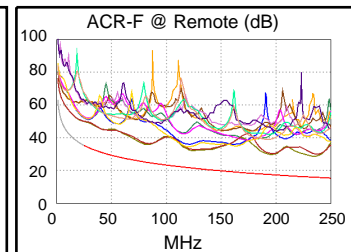
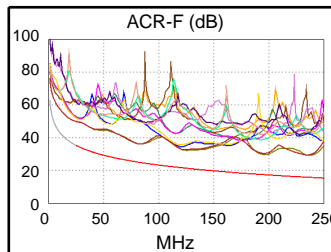


Worst Case Margin Worst Case Value

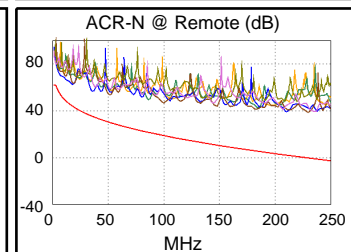
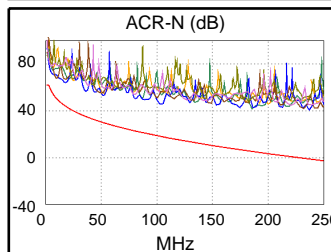
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-45	36-45
NEXT (dB)	11.1	12.1	13.6	13.1
Freq. (MHz)	103.5	99.5	186.0	229.5
Limit (dB)	39.7	40.0	35.3	33.8
Worst Pair	12	45	12	78
PS NEXT (dB)	12.4	13.0	14.1	14.5
Freq. (MHz)	51.3	51.0	186.5	237.0
Limit (dB)	42.1	42.1	32.4	30.6



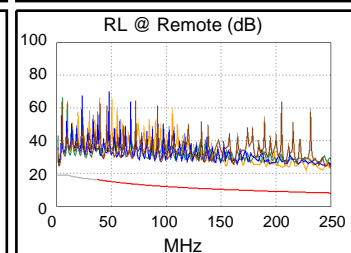
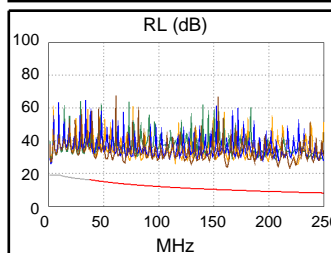
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	10.9	10.7	13.4	12.8
Freq. (MHz)	125.5	121.5	235.0	233.5
Limit (dB)	21.3	21.6	15.8	15.9
Worst Pair	45	36	45	45
PS ACR-F (dB)	13.7	13.8	16.2	16.3
Freq. (MHz)	121.5	125.5	235.0	235.0
Limit (dB)	18.6	18.3	12.8	12.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
ACR-N (dB)	15.7	16.2	42.0	39.0
Freq. (MHz)	4.5	5.8	237.5	229.5
Limit (dB)	58.0	55.7	-1.4	-0.4
Worst Pair	12	78	12	78
PS ACR-N (dB)	16.1	16.8	36.6	40.8
Freq. (MHz)	5.4	4.9	186.5	237.0
Limit (dB)	53.8	54.7	2.1	-4.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	12
RL (dB)	12.6	13.5	14.4	13.7
Freq. (MHz)	68.5	42.8	219.5	243.0
Limit (dB)	13.6	15.7	8.6	8.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-20M-5

Date / Time: 10/15/2018 11:13:24 AM

Headroom 11.9 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

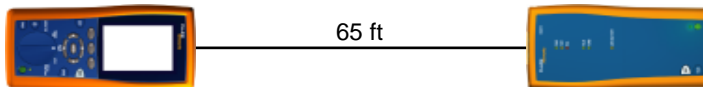
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

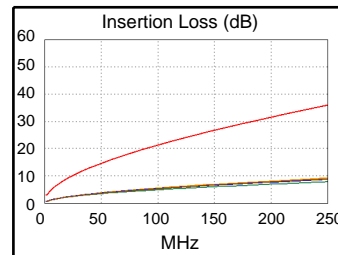
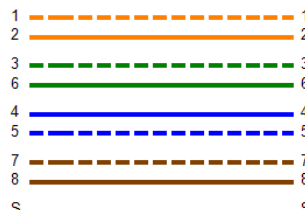
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	65
Prop. Delay (ns), Limit 555	[Pair 36]	101
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms)	[Pair 36]	3.8
Insertion Loss Margin (dB)	[Pair 12]	26.7
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



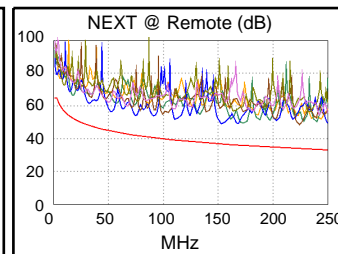
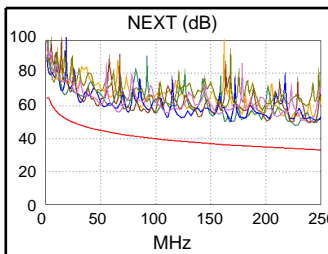
Wire Map (T568B)

PASS

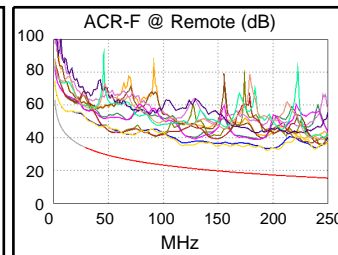
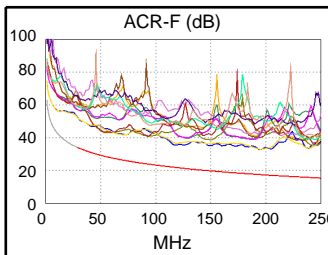


Worst Case Margin Worst Case Value

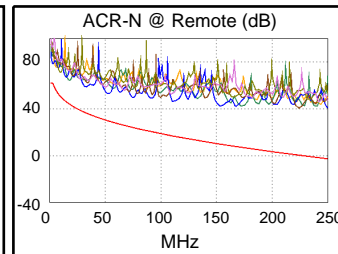
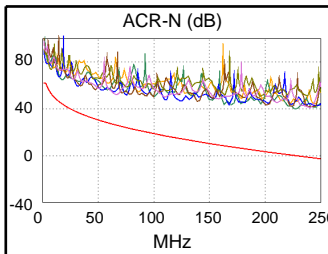
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-78	12-45	36-45
NEXT (dB)	13.3	11.9	14.0	14.7
Freq. (MHz)	66.0	52.5	227.5	224.0
Limit (dB)	43.0	44.7	33.8	33.9
Worst Pair	78	78	45	12
PS NEXT (dB)	14.0	13.8	15.0	14.3
Freq. (MHz)	64.5	52.0	240.0	169.0
Limit (dB)	40.4	42.0	30.5	33.1



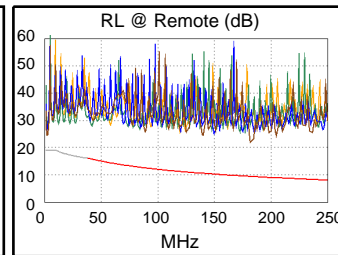
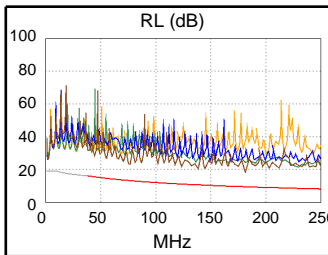
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	12-78	78-12
ACR-F (dB)	11.9	11.9	15.1	14.9
Freq. (MHz)	2.0	2.0	195.0	194.0
Limit (dB)	57.2	57.2	17.5	17.5
Worst Pair	12	12	12	12
PS ACR-F (dB)	13.9	14.2	17.0	17.3
Freq. (MHz)	1.0	1.0	192.5	193.0
Limit (dB)	60.3	60.3	14.6	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-45	36-45
ACR-N (dB)	18.0	16.8	39.8	40.3
Freq. (MHz)	3.1	2.8	227.5	224.0
Limit (dB)	61.2	61.6	-0.2	0.2
Worst Pair	12	12	12	12
PS ACR-N (dB)	19.2	18.9	41.9	43.9
Freq. (MHz)	3.8	2.6	244.0	240.0
Limit (dB)	57.1	58.7	-5.1	-4.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	9.0	11.2	9.0	11.2
Freq. (MHz)	181.5	182.5	181.5	182.5
Limit (dB)	9.4	9.4	9.4	9.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-7M-1

Date / Time: 10/15/2018 11:14:12 AM

Headroom 16.4 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

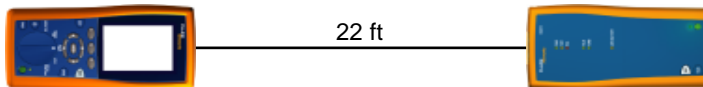
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	1.4
Insertion Loss Margin (dB)	[Pair 12]	32.7
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

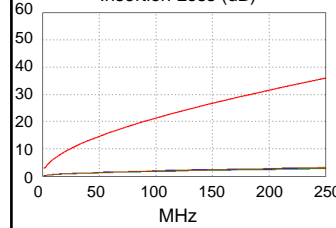


Wire Map (T568B)

PASS

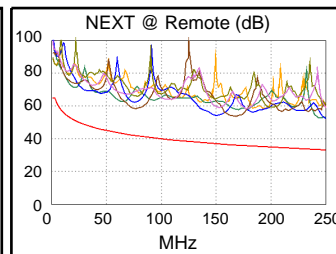
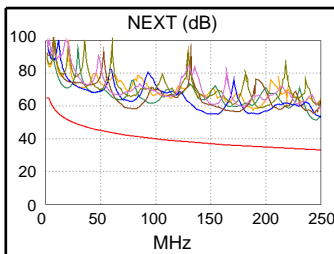


Insertion Loss (dB)

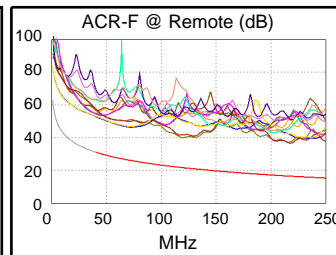
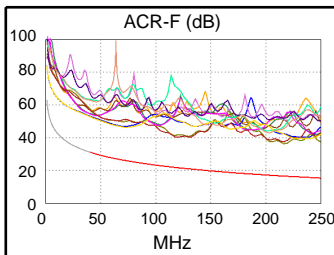


Worst Case Margin Worst Case Value

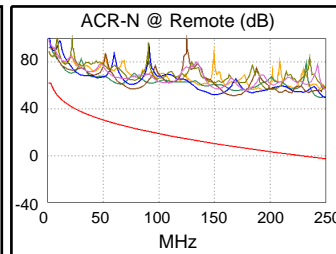
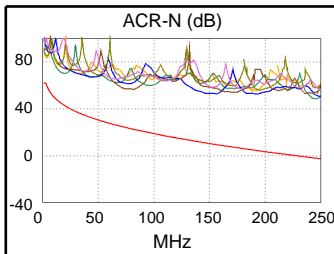
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	12-78
NEXT (dB)	16.6	16.4	18.2	19.4
Freq. (MHz)	72.8	75.8	245.5	250.0
Limit (dB)	42.3	42.0	33.3	33.1
Worst Pair	45	36	12	12
PS NEXT (dB)	18.1	18.3	19.1	19.1
Freq. (MHz)	71.8	75.8	246.0	250.0
Limit (dB)	39.6	39.2	30.3	30.2



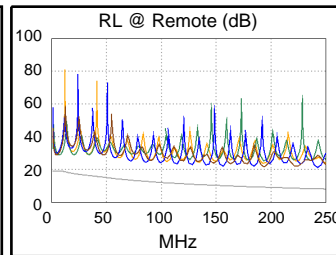
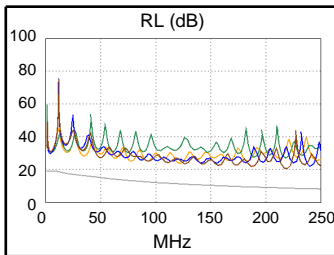
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	18.5	18.3	19.8	20.0
Freq. (MHz)	118.5	118.5	216.5	217.0
Limit (dB)	21.8	21.8	16.5	16.5
Worst Pair	36	45	45	36
PS ACR-F (dB)	21.3	21.4	22.2	22.5
Freq. (MHz)	118.5	117.5	216.5	217.5
Limit (dB)	18.8	18.9	13.5	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-78
ACR-N (dB)	22.4	24.0	50.8	52.2
Freq. (MHz)	2.9	2.9	245.5	250.0
Limit (dB)	61.6	61.6	-2.3	-2.8
Worst Pair	36	36	12	12
PS ACR-N (dB)	22.7	23.3	51.6	51.9
Freq. (MHz)	2.9	3.1	246.0	250.0
Limit (dB)	58.6	58.4	-5.3	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	13.8	13.0	13.8	13.0
Freq. (MHz)	240.5	242.0	240.5	242.0
Limit (dB)	8.2	8.2	8.2	8.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-7M-2

Date / Time: 10/15/2018 11:14:35 AM

Headroom 18.2 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

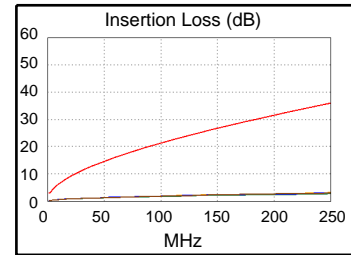
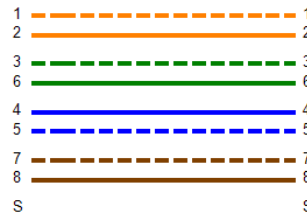
Length (ft), Limit 328	[Pair 78]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 12]	32.8
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



22 ft

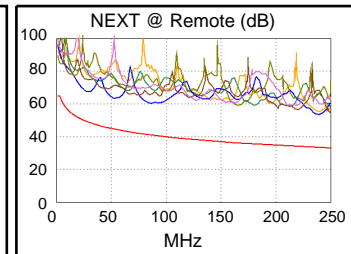
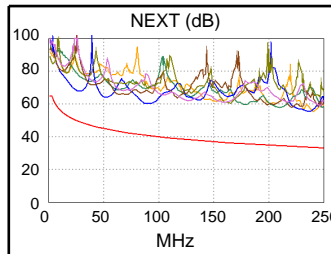


Wire Map (T568B)
PASS

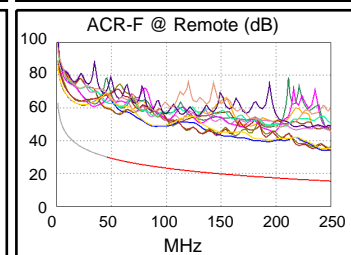
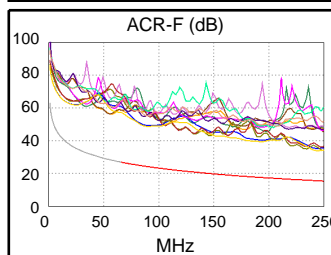


Worst Case Margin Worst Case Value

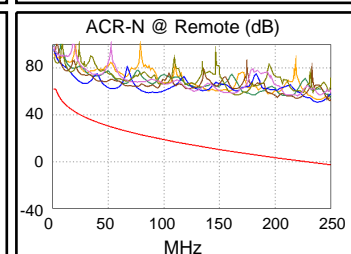
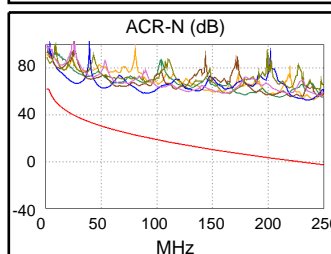
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	12-78
NEXT (dB)	18.2	18.3	21.5	20.0
Freq. (MHz)	25.8	26.6	232.5	238.5
Limit (dB)	49.8	49.6	33.7	33.5
Worst Pair	12	12	12	12
PS NEXT (dB)	20.5	20.5	21.7	20.7
Freq. (MHz)	25.6	26.6	232.5	239.0
Limit (dB)	47.2	46.9	30.7	30.5



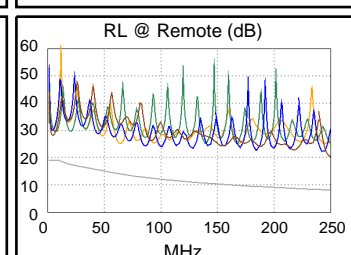
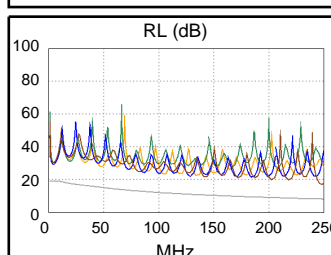
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	18.4	18.6	18.4	18.6
Freq. (MHz)	242.5	242.5	242.5	244.5
Limit (dB)	15.6	15.6	15.6	15.5
Worst Pair	12	78	12	36
PS ACR-F (dB)	21.1	21.2	21.2	21.4
Freq. (MHz)	242.5	242.5	250.0	249.5
Limit (dB)	12.6	12.6	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-78	12-78
ACR-N (dB)	23.7	23.2	53.4	52.2
Freq. (MHz)	2.8	2.6	233.5	238.5
Limit (dB)	61.6	61.7	-0.9	-1.5
Worst Pair	36	36	12	12
PS ACR-N (dB)	24.4	24.6	53.2	52.8
Freq. (MHz)	3.3	2.6	232.5	239.0
Limit (dB)	58.4	58.7	-3.7	-4.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	8.9	12.5	8.9	12.5
Freq. (MHz)	248.0	249.0	248.0	249.0
Limit (dB)	8.1	8.0	8.1	8.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-7M-3

Date / Time: 10/15/2018 11:14:51 AM

Headroom 14.9 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

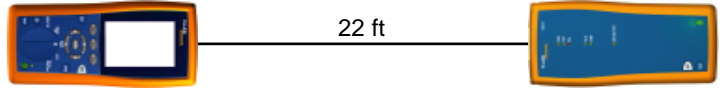
Main S/N: 1019229

Remote S/N: 1019230

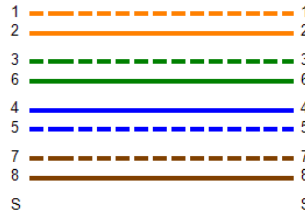
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 78]	1.4
Insertion Loss Margin (dB)	[Pair 12]	32.8
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

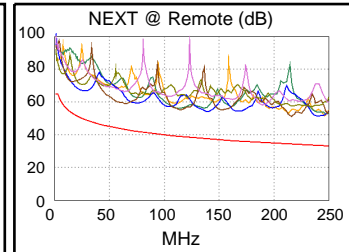
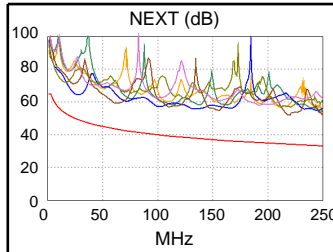


Wire Map (T568B)
PASS

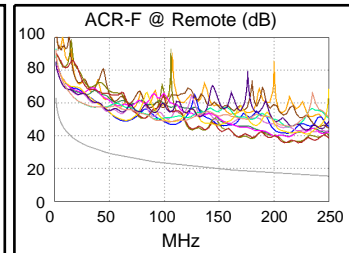
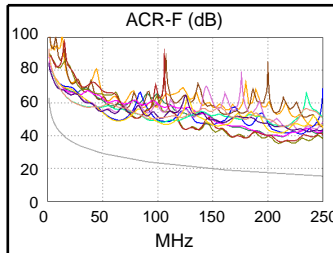


Worst Case Margin Worst Case Value

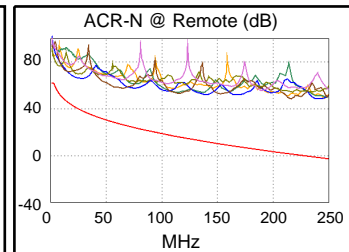
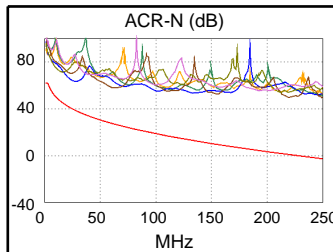
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	36-45
NEXT (dB)	14.9	15.9	18.1	16.7
Freq. (MHz)	25.1	58.5	220.5	215.5
Limit (dB)	50.0	43.9	34.1	34.2
Worst Pair	78	45	36	12
PS NEXT (dB)	17.3	16.3	18.7	17.3
Freq. (MHz)	25.1	113.0	219.0	245.0
Limit (dB)	47.3	36.2	31.2	30.3



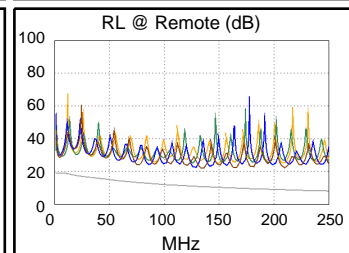
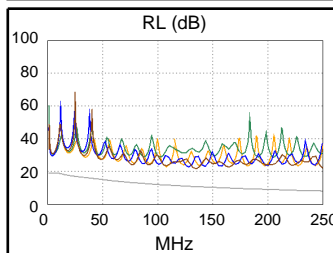
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	18.4	18.8	18.4	19.3
Freq. (MHz)	209.0	209.0	209.0	222.5
Limit (dB)	16.9	16.9	16.9	16.3
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.9	20.6	19.9	20.6
Freq. (MHz)	209.0	211.0	210.0	212.0
Limit (dB)	13.9	13.8	13.8	13.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-78	36-45	36-45
ACR-N (dB)	24.2	21.7	48.8	46.9
Freq. (MHz)	23.5	3.8	220.5	215.5
Limit (dB)	40.7	59.6	0.7	1.3
Worst Pair	12	36	12	12
PS ACR-N (dB)	24.5	22.5	52.8	49.8
Freq. (MHz)	3.6	3.3	249.0	246.0
Limit (dB)	57.4	58.4	-5.7	-5.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	45
RL (dB)	14.1	16.5	14.1	11.3
Freq. (MHz)	250.0	250.0	250.0	127.5
Limit (dB)	8.0	8.0	8.0	10.9



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-7M-4

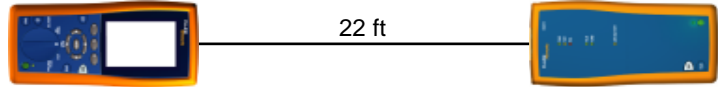
Date / Time: 10/15/2018 11:15:12 AM
Headroom 20.5 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: Your Name
 Software Version: 2.7700
 Limits Version: 1.9400
 Calibration Date:
 Main (Tester): 05/25/2018
 Remote (Tester): 05/25/2018

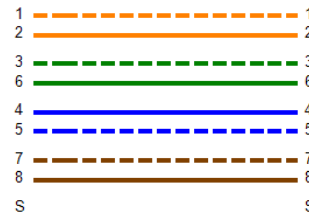
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1019229
 Remote S/N: 1019230
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 12]	32.8
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

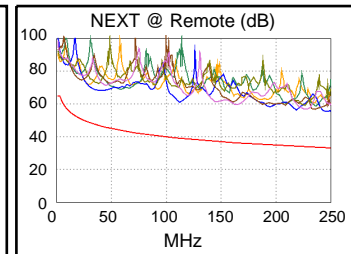
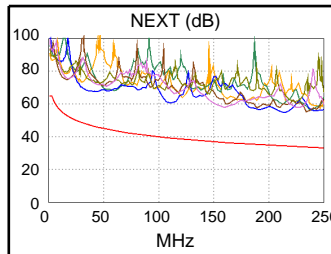


Wire Map (T568B)
PASS

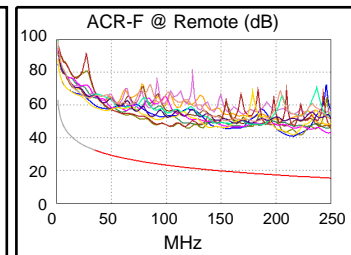
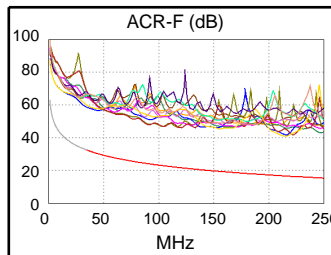


Worst Case Margin Worst Case Value

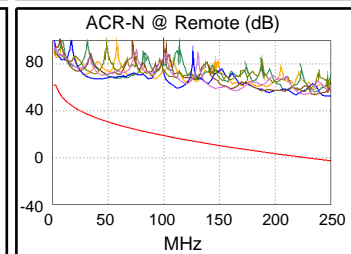
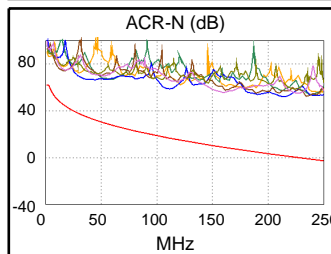
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	20.5	21.2	20.5	22.2
Freq. (MHz)	214.0	33.5	214.0	245.0
Limit (dB)	34.3	47.9	34.3	33.3
Worst Pair	36	36	12	78
PS NEXT (dB)	21.5	21.8	21.9	22.7
Freq. (MHz)	13.3	2.6	240.5	219.5
Limit (dB)	52.0	62.0	30.4	31.1



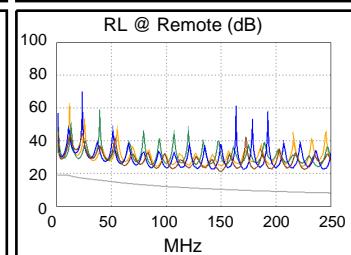
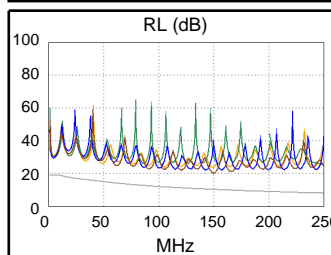
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	78-12	12-78
ACR-F (dB)	23.8	23.7	24.3	24.3
Freq. (MHz)	89.8	89.8	214.0	214.0
Limit (dB)	24.2	24.2	16.6	16.6
Worst Pair	12	45	12	12
PS ACR-F (dB)	26.1	25.4	26.1	26.4
Freq. (MHz)	214.0	117.5	214.0	216.5
Limit (dB)	13.6	18.9	13.6	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	12-78
ACR-N (dB)	24.8	24.5	53.0	54.9
Freq. (MHz)	2.4	2.6	235.0	245.5
Limit (dB)	61.9	61.7	-1.1	-2.3
Worst Pair	36	36	12	45
PS ACR-N (dB)	25.6	24.9	54.0	54.9
Freq. (MHz)	2.4	2.6	240.5	234.0
Limit (dB)	58.9	58.7	-4.7	-3.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	14.3	14.5	14.3	14.5
Freq. (MHz)	242.5	243.5	243.0	243.5
Limit (dB)	8.2	8.1	8.1	8.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-7M-5

Date / Time: 10/15/2018 11:15:29 AM

Headroom 13.4 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

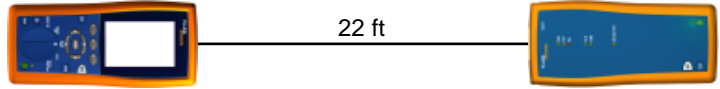
Main S/N: 1019229

Remote S/N: 1019230

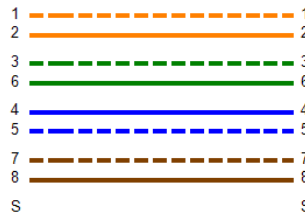
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	22
Prop. Delay (ns), Limit 555	[Pair 36]	35
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 78]	1.5
Insertion Loss Margin (dB)	[Pair 12]	32.8
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

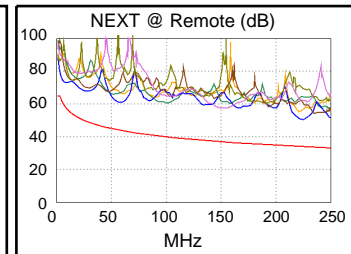
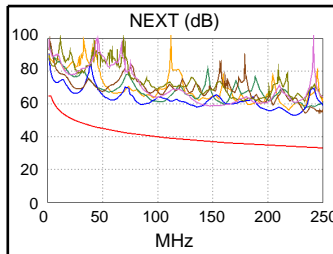


Wire Map (T568B)
PASS

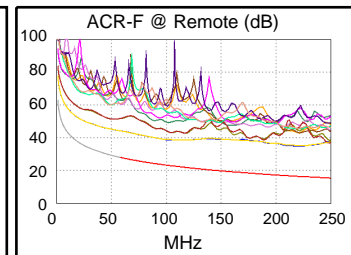
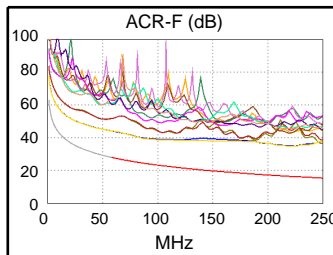


Worst Case Margin Worst Case Value

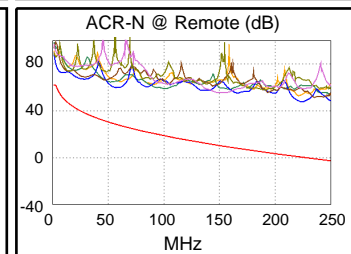
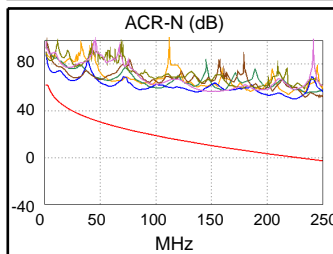
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	13.4	13.7	18.8	16.6
Freq. (MHz)	4.6	4.8	225.0	224.0
Limit (dB)	62.0	61.8	33.9	33.9
Worst Pair	78	78	12	12
PS NEXT (dB)	15.1	15.7	20.5	18.3
Freq. (MHz)	3.6	4.3	225.0	221.5
Limit (dB)	61.2	60.1	31.0	31.1



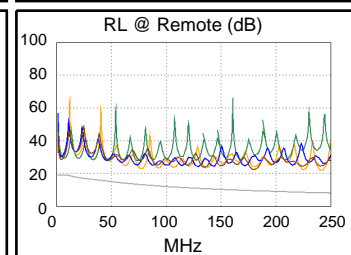
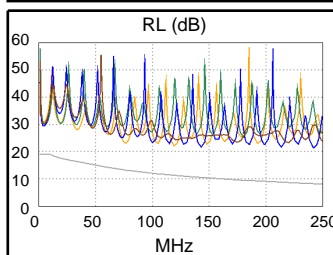
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	78-12	12-78
ACR-F (dB)	14.7	14.6	18.3	18.3
Freq. (MHz)	12.0	15.1	223.0	223.0
Limit (dB)	41.7	39.7	16.3	16.3
Worst Pair	12	12	12	78
PS ACR-F (dB)	17.4	17.5	20.6	20.8
Freq. (MHz)	1.1	1.0	223.0	223.0
Limit (dB)	59.2	60.3	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	17.2	17.6	49.8	47.5
Freq. (MHz)	3.9	3.3	225.0	224.0
Limit (dB)	59.3	60.9	0.1	0.2
Worst Pair	78	78	12	12
PS ACR-N (dB)	18.7	19.2	51.5	49.2
Freq. (MHz)	3.3	3.3	225.0	223.0
Limit (dB)	58.4	58.4	-2.8	-2.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	12
RL (dB)	17.3	13.5	13.2	13.5
Freq. (MHz)	238.0	241.0	242.0	241.0
Limit (dB)	8.2	8.2	8.2	8.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-30M-1

Date / Time: 10/15/2018 11:16:24 AM

Headroom 9.7 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

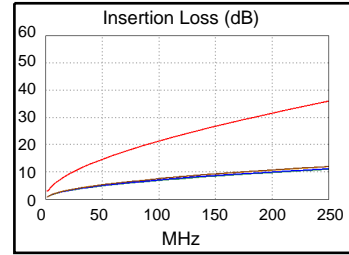
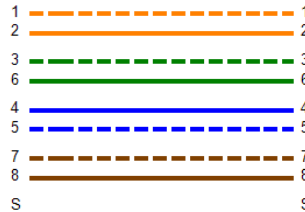
Length (ft), Limit 328	[Pair 78]	98
Prop. Delay (ns), Limit 555	[Pair 36]	157
Delay Skew (ns), Limit 50	[Pair 36]	13
Resistance (ohms)	[Pair 36]	5.6
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



98 ft

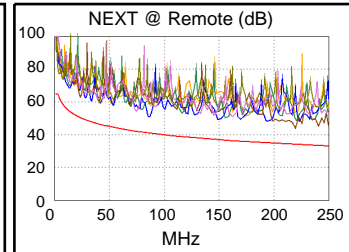
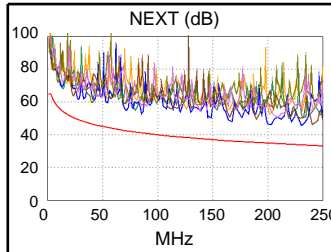


Wire Map (T568B)
PASS

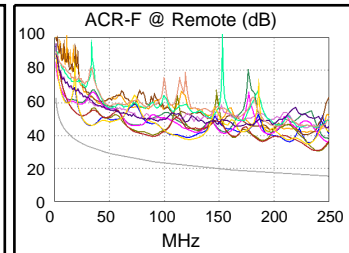
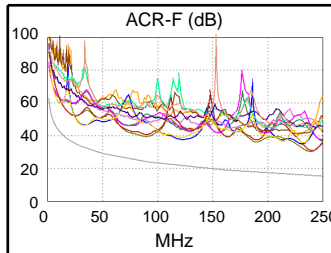


Worst Case Margin Worst Case Value

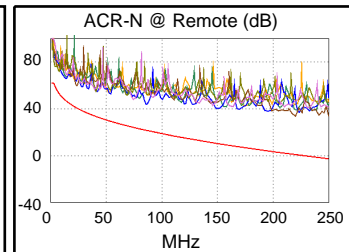
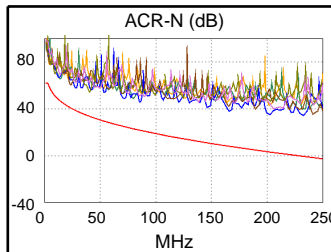
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
NEXT (dB)	11.1	9.7	11.3	9.7
Freq. (MHz)	201.5	85.8	231.5	219.0
Limit (dB)	34.7	41.1	33.7	34.1
Worst Pair	78	45	12	45
PS NEXT (dB)	12.9	11.5	13.0	11.5
Freq. (MHz)	40.8	219.0	231.5	219.0
Limit (dB)	43.8	31.2	30.7	31.2



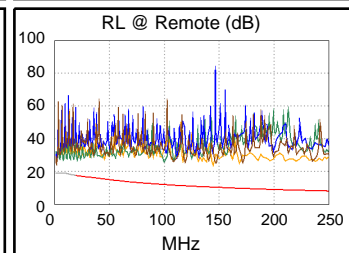
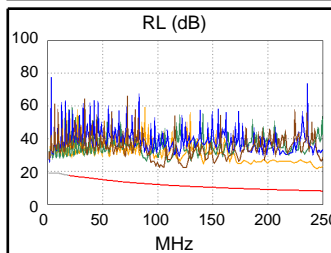
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	36-45	36-45
ACR-F (dB)	13.0	13.0	14.6	14.9
Freq. (MHz)	30.8	30.9	238.5	239.5
Limit (dB)	33.5	33.5	15.7	15.7
Worst Pair	12	78	45	36
PS ACR-F (dB)	15.8	15.9	17.3	17.3
Freq. (MHz)	30.8	30.8	238.5	238.5
Limit (dB)	30.5	30.5	12.7	12.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-78	12-78	36-45
ACR-N (dB)	18.7	17.0	34.2	32.6
Freq. (MHz)	13.5	3.8	231.5	219.0
Limit (dB)	47.1	59.6	-0.7	0.9
Worst Pair	12	36	12	45
PS ACR-N (dB)	18.5	17.9	36.0	34.5
Freq. (MHz)	13.3	6.5	231.5	220.0
Limit (dB)	44.7	52.0	-3.6	-2.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	12	12
RL (dB)	10.7	9.7	13.5	13.4
Freq. (MHz)	105.5	20.6	244.5	144.5
Limit (dB)	11.8	17.4	8.1	10.4



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-30M-2

Date / Time: 10/15/2018 11:17:02 AM

Headroom 7.4 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

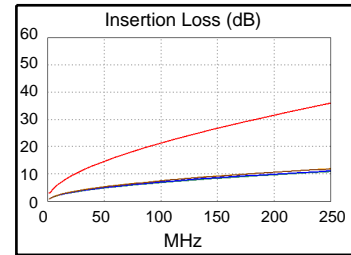
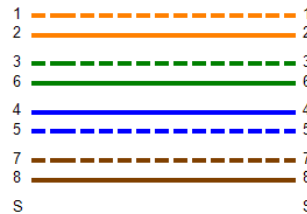
Length (ft), Limit 328	[Pair 78]	98
Prop. Delay (ns), Limit 555	[Pair 36]	157
Delay Skew (ns), Limit 50	[Pair 36]	13
Resistance (ohms)	[Pair 36]	5.7
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



98 ft

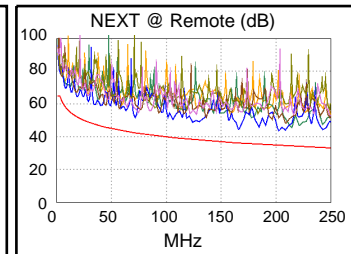
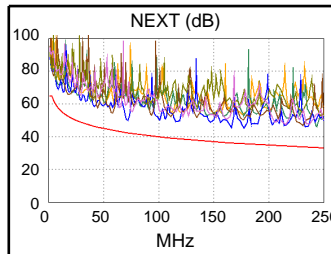


Wire Map (T568B)
PASS

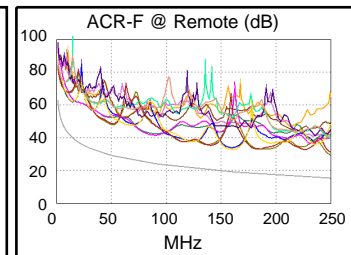
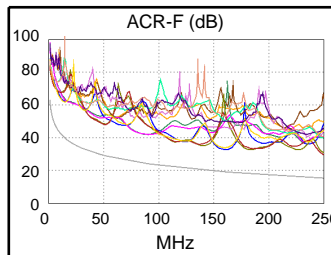


Worst Case Margin Worst Case Value

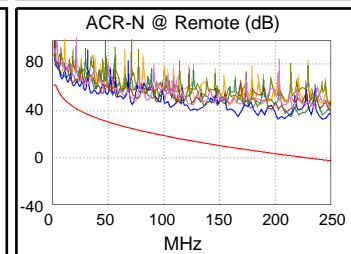
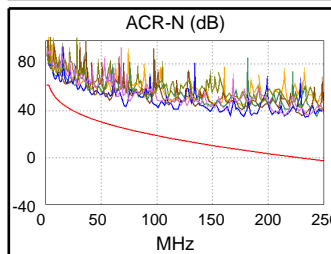
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	7.4	8.4	9.5	8.8
Freq. (MHz)	71.5	166.0	177.5	203.0
Limit (dB)	42.4	36.2	35.7	34.7
Worst Pair	12	78	78	12
PS NEXT (dB)	9.9	10.9	12.6	11.8
Freq. (MHz)	71.8	166.0	234.5	243.5
Limit (dB)	39.6	33.3	30.6	30.4



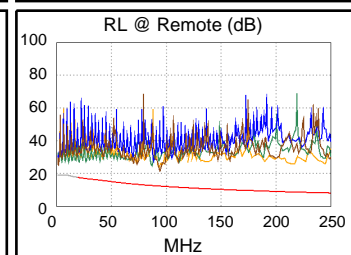
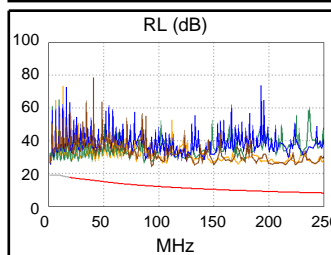
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	45-36	36-45
ACR-F (dB)	13.5	13.5	14.3	14.0
Freq. (MHz)	160.0	159.5	250.0	250.0
Limit (dB)	19.2	19.2	15.3	15.3
Worst Pair	78	12	36	45
PS ACR-F (dB)	16.2	16.5	17.2	16.6
Freq. (MHz)	160.0	160.0	250.0	250.0
Limit (dB)	16.2	16.2	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	15.1	15.3	35.1	34.6
Freq. (MHz)	8.3	7.6	234.0	243.5
Limit (dB)	52.2	53.0	-1.0	-2.1
Worst Pair	12	12	78	12
PS ACR-N (dB)	15.5	14.9	35.8	35.5
Freq. (MHz)	8.6	7.8	234.5	243.5
Limit (dB)	49.2	50.3	-4.0	-5.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	78	78
RL (dB)	10.2	9.1	11.6	9.1
Freq. (MHz)	20.4	94.3	94.0	94.3
Limit (dB)	17.5	12.3	12.3	12.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-30M-3

Date / Time: 10/15/2018 11:17:22 AM

Headroom 7.3 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

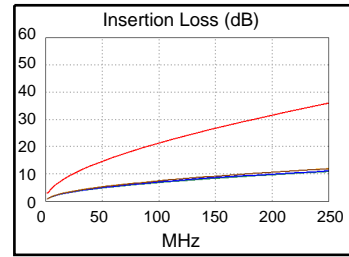
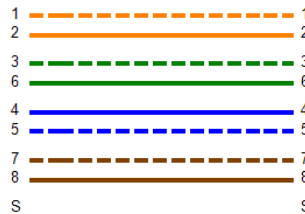
Length (ft), Limit 328	[Pair 78]	98
Prop. Delay (ns), Limit 555	[Pair 36]	157
Delay Skew (ns), Limit 50	[Pair 36]	13
Resistance (ohms)	[Pair 36]	5.7
Insertion Loss Margin (dB)	[Pair 12]	24.0
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



98 ft

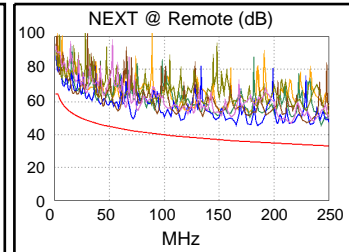
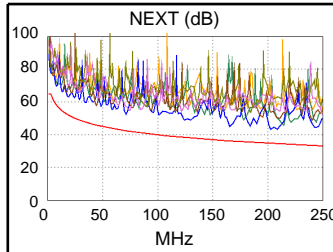


Wire Map (T568B)
PASS

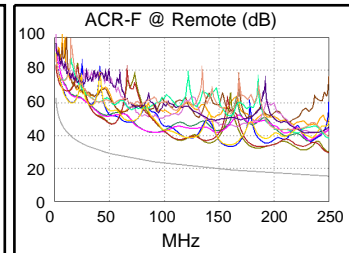
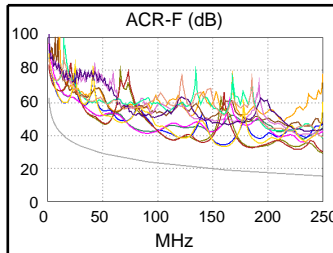


Worst Case Margin Worst Case Value

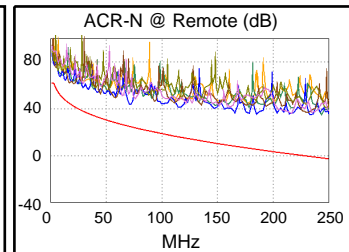
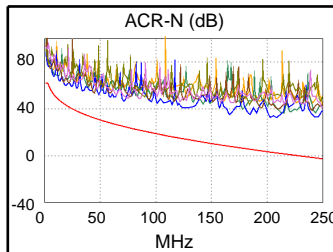
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	8.3	7.3	8.3	10.2
Freq. (MHz)	203.0	71.5	203.0	185.0
Limit (dB)	34.7	42.4	34.7	35.4
Worst Pair	12	12	12	78
PS NEXT (dB)	10.9	9.8	10.9	13.2
Freq. (MHz)	208.0	71.5	208.5	234.5
Limit (dB)	31.6	39.6	31.5	30.6



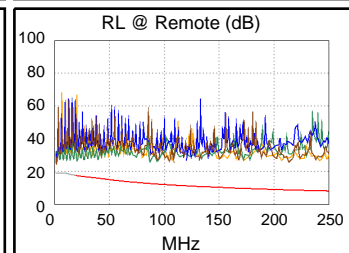
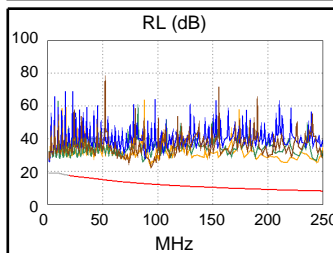
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	45-36
ACR-F (dB)	14.0	14.0	14.0	14.3
Freq. (MHz)	250.0	160.0	250.0	250.0
Limit (dB)	15.3	19.2	15.3	15.3
Worst Pair	45	78	45	36
PS ACR-F (dB)	16.5	16.8	16.5	16.9
Freq. (MHz)	250.0	160.0	250.0	249.5
Limit (dB)	12.3	16.2	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	15.1	15.1	29.5	35.3
Freq. (MHz)	3.0	8.0	203.0	234.0
Limit (dB)	61.5	52.5	2.9	-1.0
Worst Pair	12	12	12	78
PS ACR-N (dB)	15.0	15.7	35.7	36.4
Freq. (MHz)	7.8	7.8	243.0	234.5
Limit (dB)	50.3	50.3	-5.0	-4.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	78
RL (dB)	10.1	9.1	10.1	17.0
Freq. (MHz)	94.3	20.4	94.3	213.5
Limit (dB)	12.3	17.5	12.3	8.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-30M-4

Date / Time: 10/15/2018 11:17:42 AM

Headroom 6.5 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

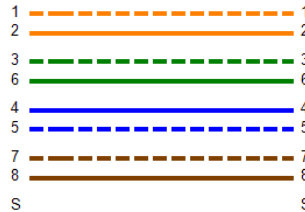
Length (ft), Limit 328	[Pair 78]	98
Prop. Delay (ns), Limit 555	[Pair 36]	157
Delay Skew (ns), Limit 50	[Pair 36]	13
Resistance (ohms)	[Pair 36]	5.6
Insertion Loss Margin (dB)	[Pair 78]	24.3
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9



98 ft

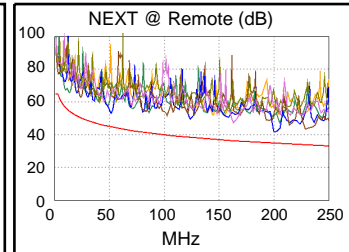
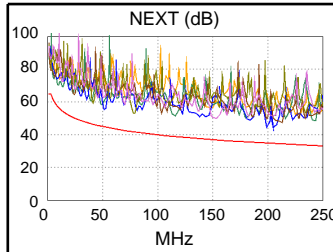


Wire Map (T568B)
PASS

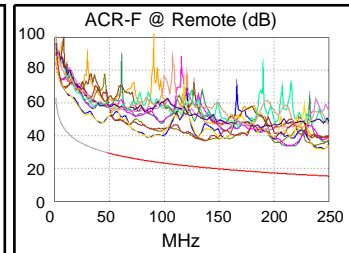
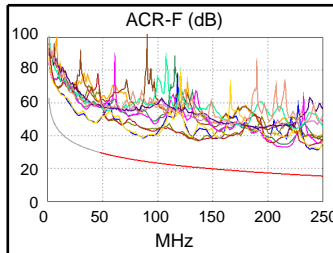


Worst Case Margin Worst Case Value

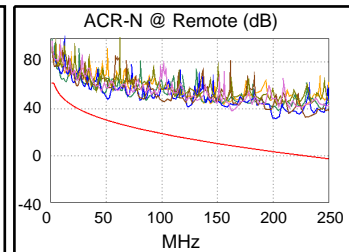
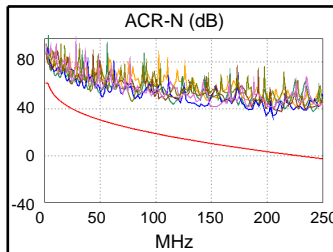
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	8.3	6.5	8.3	6.5
Freq. (MHz)	200.0	200.5	200.0	200.5
Limit (dB)	34.8	34.8	34.8	34.8
Worst Pair	78	12	78	12
PS NEXT (dB)	10.6	8.9	10.6	8.9
Freq. (MHz)	200.0	200.5	200.0	200.5
Limit (dB)	31.9	31.8	31.9	31.8



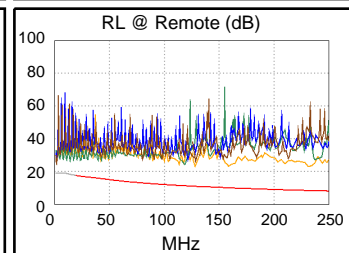
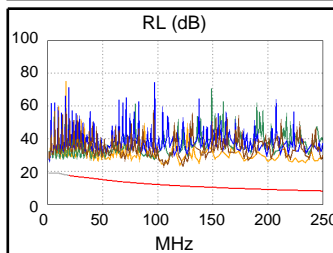
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	14.1	14.2	16.0	16.1
Freq. (MHz)	87.0	87.0	244.0	245.5
Limit (dB)	24.5	24.5	15.5	15.5
Worst Pair	78	12	12	12
PS ACR-F (dB)	17.0	16.9	17.2	17.7
Freq. (MHz)	87.0	87.0	245.5	244.0
Limit (dB)	21.5	21.5	12.5	12.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-78
ACR-N (dB)	16.4	14.9	29.4	27.7
Freq. (MHz)	5.3	9.5	200.0	201.0
Limit (dB)	56.5	50.8	3.3	3.1
Worst Pair	36	12	78	12
PS ACR-N (dB)	16.5	15.9	31.8	30.2
Freq. (MHz)	3.3	9.5	200.0	200.5
Limit (dB)	58.4	48.2	0.3	0.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	12
RL (dB)	10.9	9.4	11.9	12.2
Freq. (MHz)	42.0	23.6	121.0	128.0
Limit (dB)	15.8	17.1	11.2	10.9



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-30M-5

Date / Time: 10/15/2018 11:17:59 AM

Headroom 6.4 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

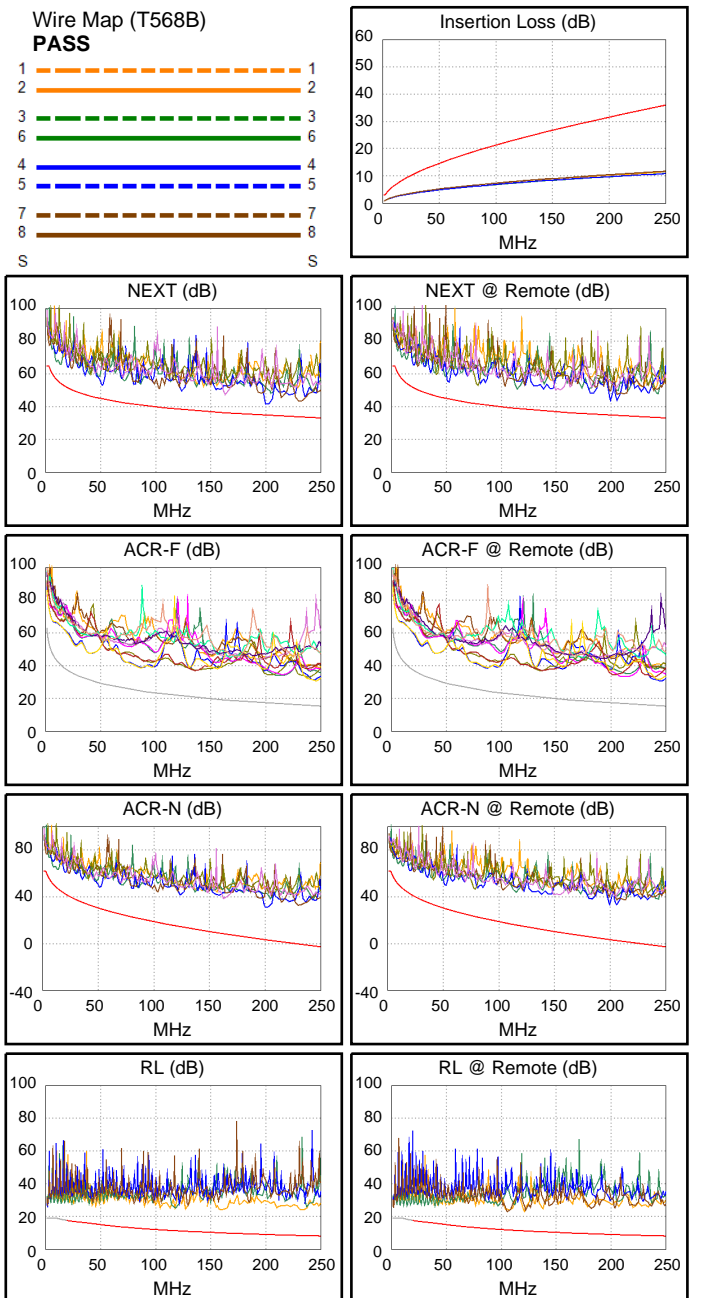
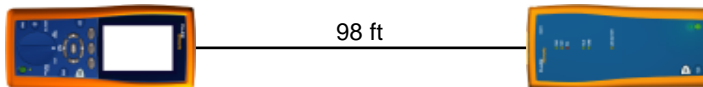
Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	98
Prop. Delay (ns), Limit 555	[Pair 36]	157
Delay Skew (ns), Limit 50	[Pair 36]	13
Resistance (ohms)	[Pair 36]	5.7
Insertion Loss Margin (dB)	[Pair 78]	24.3
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	6.4	8.6	6.4	8.6
Freq. (MHz)	200.5	200.0	200.5	200.0
Limit (dB)	34.8	34.8	34.8	34.8
Worst Pair	12	12	12	12
PS NEXT (dB)	8.8	10.9	8.8	10.9
Freq. (MHz)	200.5	205.5	200.5	205.5
Limit (dB)	31.8	31.6	31.8	31.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	14.1	14.0	15.3	15.1
Freq. (MHz)	85.8	85.8	245.0	245.0
Limit (dB)	24.6	24.6	15.5	15.5
Worst Pair	12	78	12	12
PS ACR-F (dB)	16.9	17.0	17.3	17.3
Freq. (MHz)	85.8	85.8	246.0	244.0
Limit (dB)	21.6	21.6	12.4	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-78	12-78
ACR-N (dB)	15.0	16.3	27.6	29.7
Freq. (MHz)	9.5	5.1	201.0	200.0
Limit (dB)	50.8	56.8	3.1	3.3
Worst Pair	12	36	12	12
PS ACR-N (dB)	16.0	16.2	30.1	32.6
Freq. (MHz)	9.5	3.3	200.5	205.5
Limit (dB)	48.2	58.4	0.3	-0.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	12	78
RL (dB)	10.7	9.7	13.4	11.5
Freq. (MHz)	23.6	23.6	158.5	123.0
Limit (dB)	17.1	17.1	10.0	11.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-50M-1

Date / Time: 10/15/2018 11:18:28 AM

Headroom 6.6 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

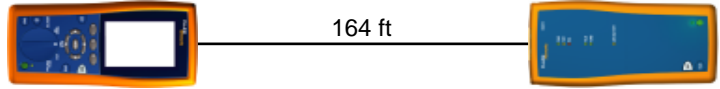
Main S/N: 1019229

Remote S/N: 1019230

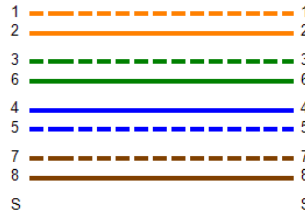
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	164
Prop. Delay (ns), Limit 555	[Pair 36]	263
Delay Skew (ns), Limit 50	[Pair 36]	22
Resistance (ohms)	[Pair 36]	9.5
Insertion Loss Margin (dB)	[Pair 12]	16.2
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

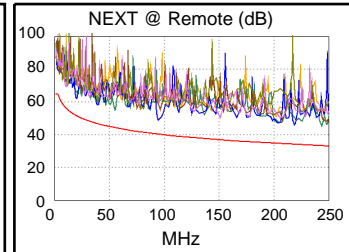
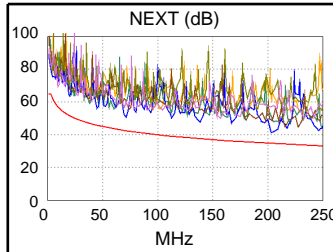


Wire Map (T568B)
PASS

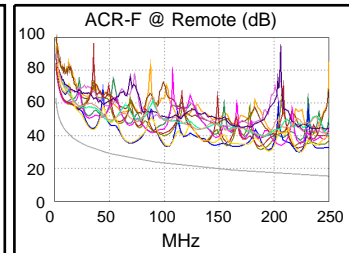
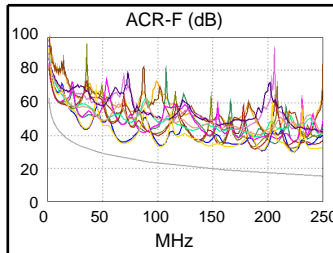


Worst Case Margin Worst Case Value

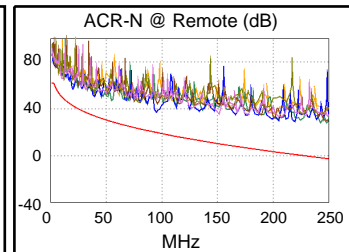
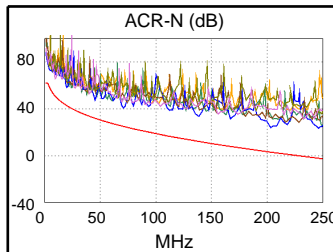
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-45
NEXT (dB)	6.6	8.5	6.6	12.0
Freq. (MHz)	203.0	94.8	203.0	243.5
Limit (dB)	34.7	40.3	34.7	33.3
Worst Pair	12	12	12	12
PS NEXT (dB)	9.0	10.7	9.0	11.9
Freq. (MHz)	206.5	94.8	206.5	204.0
Limit (dB)	31.6	37.5	31.6	31.7



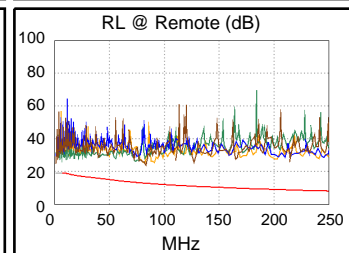
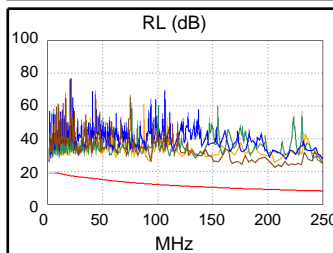
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	8.8	8.9	13.5	13.6
Freq. (MHz)	67.5	67.5	222.0	222.0
Limit (dB)	26.7	26.7	16.3	16.3
Worst Pair	12	78	12	12
PS ACR-F (dB)	11.5	11.8	15.7	15.8
Freq. (MHz)	66.5	67.5	222.5	223.5
Limit (dB)	23.8	23.7	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-78	12-78	12-45
ACR-N (dB)	14.8	14.1	25.9	29.2
Freq. (MHz)	9.5	19.8	246.0	243.5
Limit (dB)	50.8	42.8	-2.4	-2.1
Worst Pair	78	12	12	12
PS ACR-N (dB)	15.3	15.0	27.3	30.4
Freq. (MHz)	3.6	19.5	249.0	243.5
Limit (dB)	57.4	40.3	-5.7	-5.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	11.0	8.4	13.2	11.0
Freq. (MHz)	10.4	8.5	214.0	83.3
Limit (dB)	18.9	19.0	8.7	12.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-50M-2

Date / Time: 10/15/2018 11:18:57 AM

Headroom 7.4 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

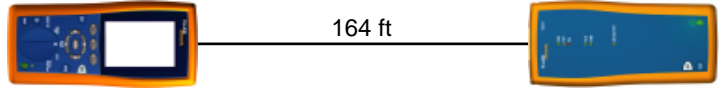
Main S/N: 1019229

Remote S/N: 1019230

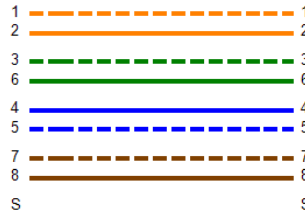
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	164
Prop. Delay (ns), Limit 555	[Pair 36]	263
Delay Skew (ns), Limit 50	[Pair 36]	22
Resistance (ohms)	[Pair 36]	9.5
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9

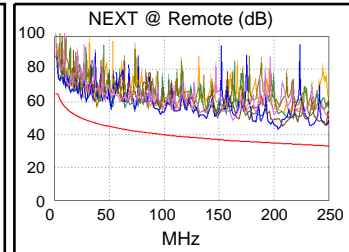
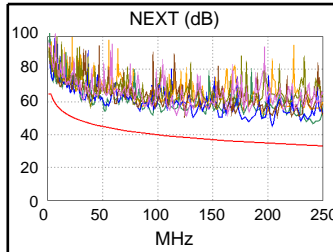


Wire Map (T568B)
PASS

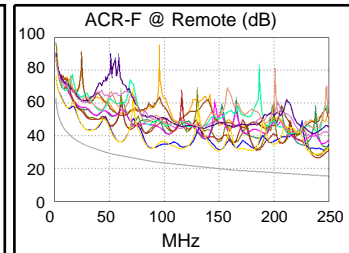
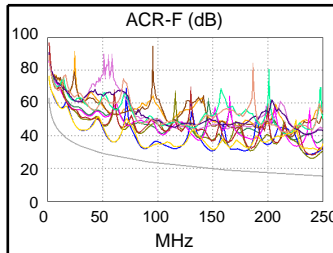


Worst Case Margin Worst Case Value

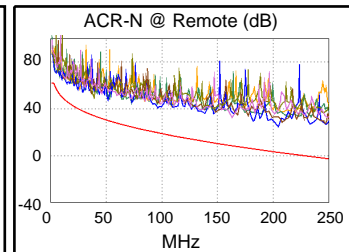
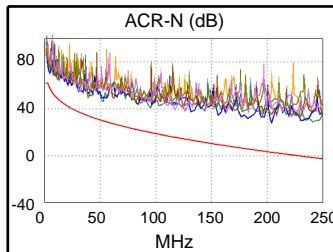
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-78	12-78	12-78
NEXT (dB)	9.0	7.4	10.8	7.4
Freq. (MHz)	52.0	204.5	204.0	204.5
Limit (dB)	44.7	34.6	34.6	34.6
Worst Pair	12	12	12	12
PS NEXT (dB)	9.7	9.8	13.3	9.8
Freq. (MHz)	4.4	204.5	204.0	204.5
Limit (dB)	59.9	31.7	31.7	31.7



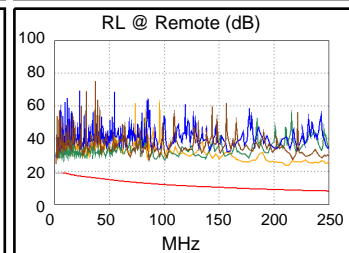
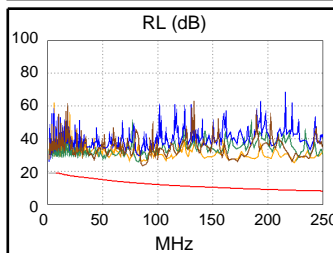
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	36-45	45-36
ACR-F (dB)	7.6	7.7	10.5	10.7
Freq. (MHz)	87.0	87.0	239.5	239.5
Limit (dB)	24.5	24.5	15.7	15.7
Worst Pair	78	12	45	36
PS ACR-F (dB)	10.4	10.5	13.2	13.4
Freq. (MHz)	87.0	87.0	239.5	238.5
Limit (dB)	21.5	21.5	12.7	12.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-78	12-78	12-78
ACR-N (dB)	12.5	12.5	25.3	21.9
Freq. (MHz)	4.4	3.8	204.0	204.5
Limit (dB)	58.2	59.6	2.7	2.7
Worst Pair	12	12	12	12
PS ACR-N (dB)	11.5	12.1	31.3	24.5
Freq. (MHz)	4.4	4.3	240.5	204.5
Limit (dB)	55.7	56.0	-4.7	-0.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	12
RL (dB)	9.2	8.6	10.3	14.4
Freq. (MHz)	8.4	8.5	85.5	211.5
Limit (dB)	19.0	19.0	12.7	8.7



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-50M-3

Date / Time: 10/15/2018 11:19:12 AM

Headroom 6.4 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

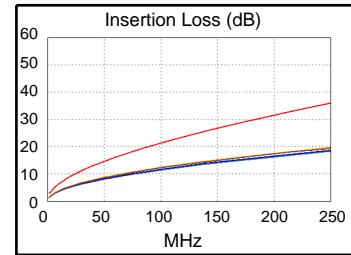
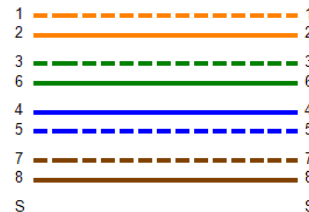
Length (ft), Limit 328	[Pair 78]	164
Prop. Delay (ns), Limit 555	[Pair 36]	263
Delay Skew (ns), Limit 50	[Pair 36]	22
Resistance (ohms)	[Pair 36]	9.4
Insertion Loss Margin (dB)	[Pair 12]	16.2
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



164 ft

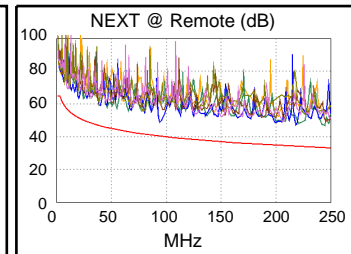
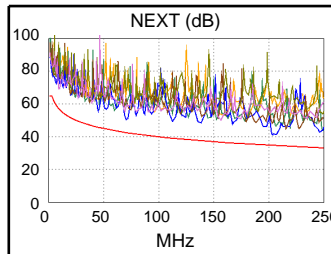


Wire Map (T568B)
PASS

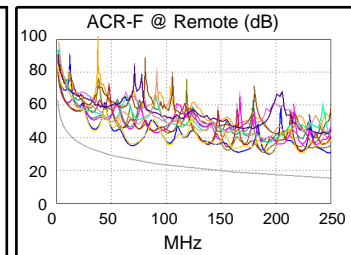
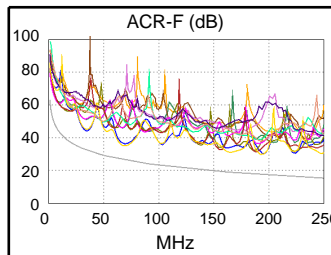


Worst Case Margin Worst Case Value

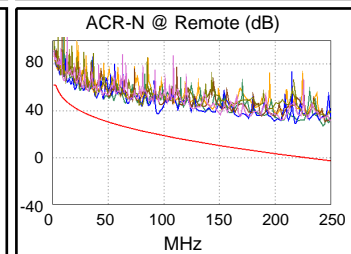
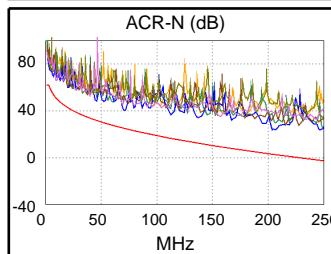
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-45
NEXT (dB)	6.4	8.3	6.4	11.8
Freq. (MHz)	203.5	94.3	203.5	243.5
Limit (dB)	34.7	40.4	34.7	33.3
Worst Pair	12	12	12	45
PS NEXT (dB)	8.6	10.7	8.6	13.5
Freq. (MHz)	206.5	94.3	206.5	243.5
Limit (dB)	31.6	37.5	31.6	30.4



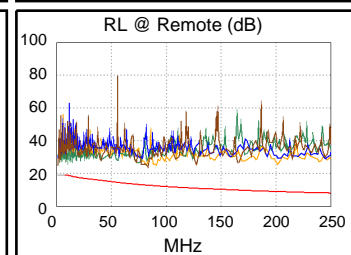
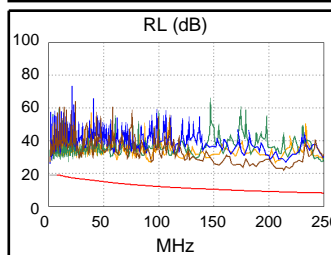
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	8.4	8.6	12.2	12.4
Freq. (MHz)	67.5	67.5	192.5	193.5
Limit (dB)	26.7	26.7	17.6	17.5
Worst Pair	12	78	12	78
PS ACR-F (dB)	11.1	11.4	14.3	14.6
Freq. (MHz)	67.5	67.5	193.5	192.5
Limit (dB)	23.7	23.7	14.5	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-78	12-45
ACR-N (dB)	14.4	15.5	20.8	28.9
Freq. (MHz)	9.5	9.8	203.5	243.5
Limit (dB)	50.8	50.5	2.8	-2.1
Worst Pair	78	78	12	12
PS ACR-N (dB)	15.1	15.8	27.0	30.0
Freq. (MHz)	3.5	9.8	249.0	243.5
Limit (dB)	57.7	47.9	-5.7	-5.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	10.9	8.4	13.1	11.1
Freq. (MHz)	10.4	8.5	214.0	83.3
Limit (dB)	18.9	19.0	8.7	12.8



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		



Cable ID: FIRST45399-C6UTP-50M-4

Date / Time: 10/15/2018 11:19:27 AM

Headroom 7.3 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

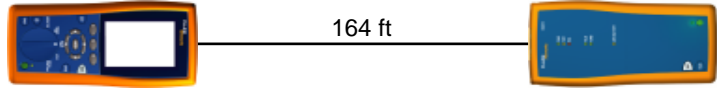
Main S/N: 1019229

Remote S/N: 1019230

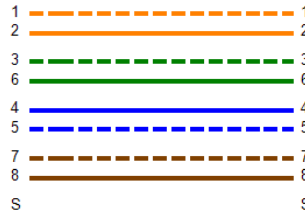
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	164
Prop. Delay (ns), Limit 555	[Pair 36]	262
Delay Skew (ns), Limit 50	[Pair 36]	21
Resistance (ohms)	[Pair 36]	9.5
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9

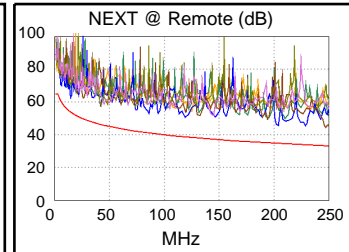
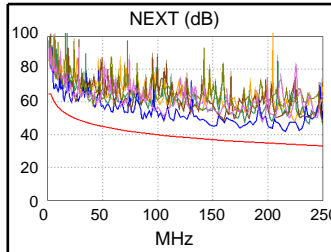


Wire Map (T568B)
PASS

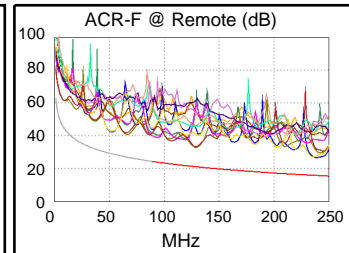
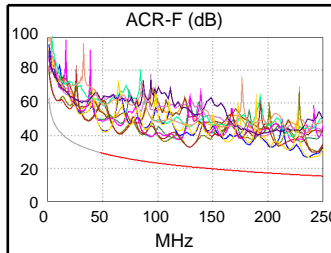


Worst Case Margin Worst Case Value

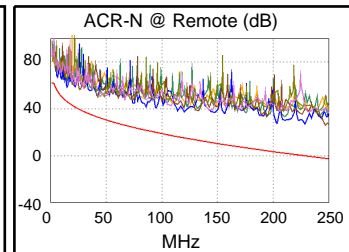
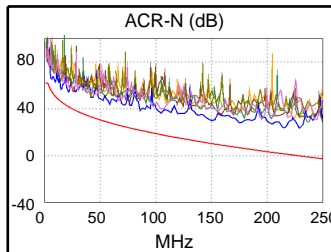
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
NEXT (dB)	7.3	8.8	7.6	11.2
Freq. (MHz)	14.6	14.8	215.0	247.0
Limit (dB)	53.9	53.8	34.2	33.2
Worst Pair	78	12	12	45
PS NEXT (dB)	9.2	10.4	10.4	14.0
Freq. (MHz)	14.8	14.8	229.0	247.0
Limit (dB)	51.2	51.2	30.8	30.2



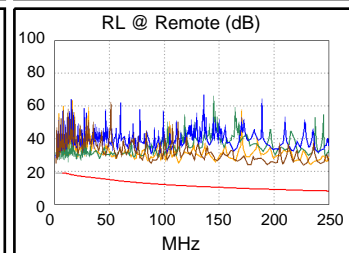
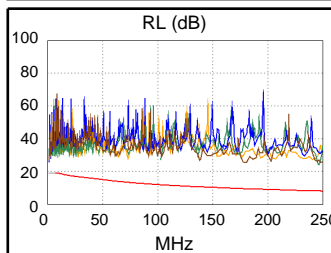
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	10.7	10.7	10.7	10.7
Freq. (MHz)	238.5	238.0	238.5	238.0
Limit (dB)	15.7	15.7	15.7	15.7
Worst Pair	12	12	12	12
PS ACR-F (dB)	13.5	13.5	13.5	13.5
Freq. (MHz)	238.5	235.5	238.5	235.5
Limit (dB)	12.7	12.8	12.7	12.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
ACR-N (dB)	9.7	11.8	23.7	28.6
Freq. (MHz)	5.9	5.9	229.0	247.0
Limit (dB)	55.5	55.5	-0.4	-2.5
Worst Pair	12	78	12	45
PS ACR-N (dB)	11.8	13.3	26.1	31.6
Freq. (MHz)	5.8	6.1	229.0	250.0
Limit (dB)	53.2	52.6	-3.3	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	78
RL (dB)	10.7	9.2	16.1	13.1
Freq. (MHz)	8.5	10.4	246.0	178.0
Limit (dB)	19.0	18.9	8.1	9.5



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: FIRST45399-C6UTP-50M-5

Date / Time: 10/15/2018 11:19:44 AM

Headroom 7.3 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

Calibration Date:

Main (Tester): 05/25/2018

Remote (Tester): 05/25/2018

Test Summary: PASS

Model: DTX-1800

Main S/N: 1019229

Remote S/N: 1019230

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

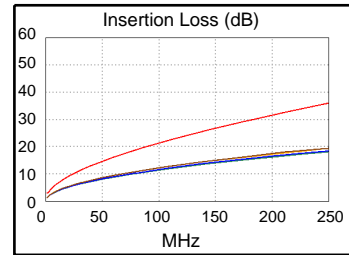
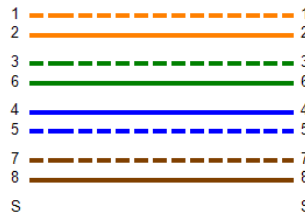
Length (ft), Limit 328	[Pair 78]	164
Prop. Delay (ns), Limit 555	[Pair 36]	262
Delay Skew (ns), Limit 50	[Pair 36]	21
Resistance (ohms)	[Pair 36]	9.5
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9



164 ft

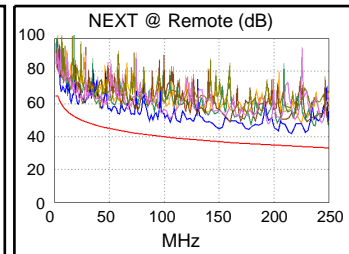
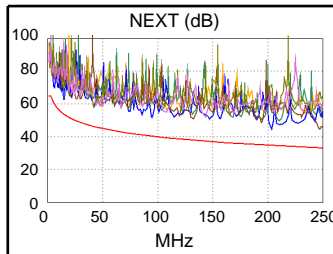


Wire Map (T568B)
PASS

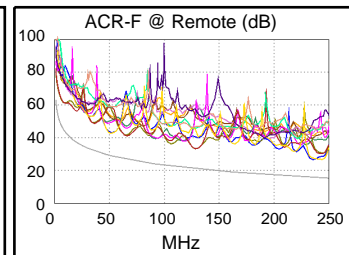
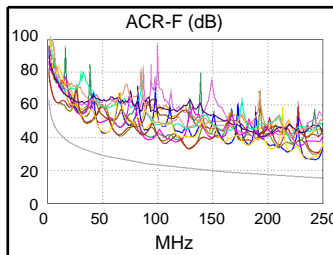


Worst Case Margin Worst Case Value

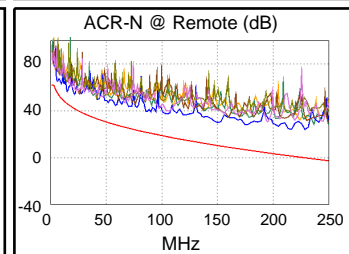
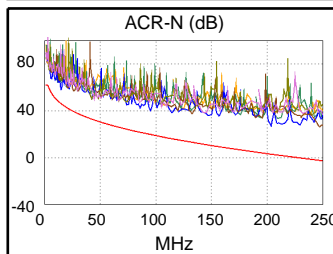
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	9.0	7.3	9.9	7.6
Freq. (MHz)	14.8	14.8	203.5	215.5
Limit (dB)	53.8	53.8	34.7	34.2
Worst Pair	12	78	12	12
PS NEXT (dB)	10.6	9.2	12.5	10.3
Freq. (MHz)	14.8	14.9	203.5	229.5
Limit (dB)	51.2	51.1	31.7	30.8



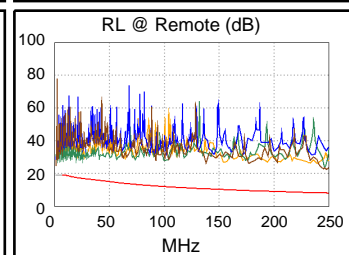
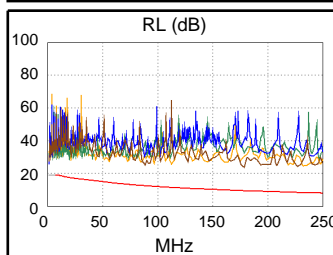
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	78-12
ACR-F (dB)	10.8	10.7	10.8	10.8
Freq. (MHz)	242.0	234.5	242.0	242.0
Limit (dB)	15.6	15.9	15.6	15.6
Worst Pair	12	78	12	12
PS ACR-F (dB)	13.3	13.6	13.3	13.7
Freq. (MHz)	234.5	234.5	235.5	242.0
Limit (dB)	12.9	12.9	12.8	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	12-78
ACR-N (dB)	11.6	9.6	28.9	23.9
Freq. (MHz)	5.8	5.9	247.0	229.0
Limit (dB)	55.7	55.5	-2.5	-0.4
Worst Pair	78	12	45	12
PS ACR-N (dB)	13.3	11.7	31.5	26.1
Freq. (MHz)	5.9	5.9	247.0	229.5
Limit (dB)	53.0	53.0	-5.4	-3.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	10.8	9.1	13.6	14.5
Freq. (MHz)	10.4	8.5	178.0	247.5
Limit (dB)	18.9	19.0	9.5	8.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		