

Mini Module PLC Splitter

1. Features

- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ Low PDL
- ◆ Compact Design
- ◆ Good channel-to-channel uniformity
- ◆ Wide Operating Wavelength
- ◆ High Reliability and Stability



2. Applications

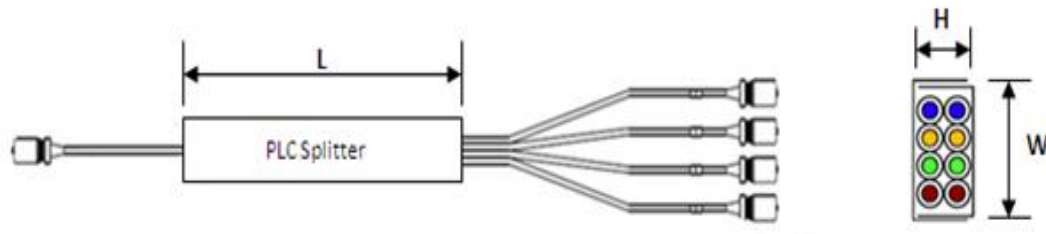
- ◆ FTTH Systems
- ◆ PON Network
- ◆ CATV Links
- ◆ Communication Equipment

3. Compliance

- ◆ GR-1209-CORE
- ◆ GR-1221-CORE
- ◆ YD/T-1272Q
- ◆ Q/CT-2295
- ◆ RoHS

4. Specifications & Mechanical Dimensions

Mini Module 1X NPLC Splitter Specifications								
Operating Wavelength (nm)		1260-1650						
Fiber Type		G657A1 or customer specified						
Port Configuration		1x2	1x4	1x8	1x16	1x32	1x64	1x128
Insertion Loss (dB) (P/S Grade)	Max	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21	23.8/24.2
Loss Uniformity (dB)	Max	0.5	0.7	0.8	1.2	1.5	2.0	2.5
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.2	0.25	0.3	0.4	0.5
Return Loss (dB)	Min	55	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0	1.2
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Device Dimension (mm) (LxWxH)		60x7x4	60x7x4	60x7x4	60x12x4	80x20x6	100x40x6	N/A

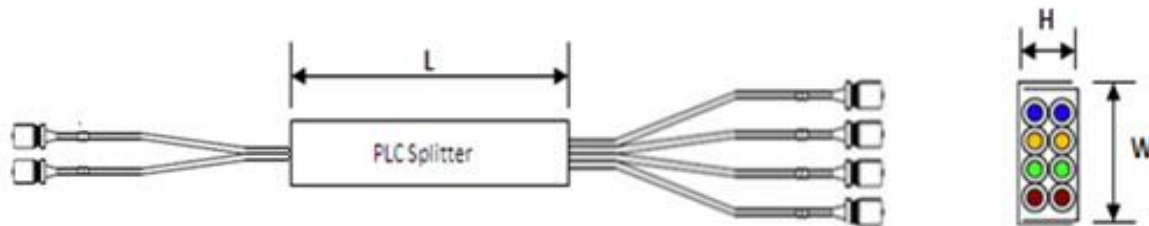


Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.
3. Operating Temperature (°C): -40~85.
4. Storage Temperature (°C) -40~85.
5. IL、PDL、WDL can also be customer specified.

Mini Module 2XN PLC Splitter Specifications

Operating Wavelength (nm)		1260-1650						
Fiber Type		G657A1 or customer specified						
Port Configuration		2x2	2x4	2x8	2x16	2x32	2x64	2x128
Insertion Loss (dB)	Max	4.2	7.6	10.8	14.0	17.5	21	24.5
Loss Uniformity (dB)	Max	0.9	1.0	1.2	1.5	1.8	2.2	2.5
Polarization Dependent Loss(dB)	Max	0.3	0.3	0.3	0.3	0.35	0.4	0.40
Return Loss (dB)	Min	55	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0	1.2
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Device Dimension (mm) (LxWxH)		60x7x4	60x7x4	60x7x4	60x12x4	100x20x6	N/A	N/A



Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.
3. Operating Temperature (°C): -40~85.
4. Storage Temperature (°C) -40~85.
5. IL、PDL、WDL can also be customer specified.



5. Ordering Information

GPM	-XXX	-XX	-XX	-XX	-X	X
	Port Configuration	Module Type	Cable Type	Fiber Length	Input Port connector type	Output Port Connector type
G=Gigalight	102=1X2	PL=140x115x18	09=0.9 ϕ mm	10=1.0m	0=None	0=None
P=PLC Splitter	104=1X4	PM=120x80x18	20=2.0 ϕ mm	15=1.5m	1=FC/UPC	1=FC/UPC
M=Module	108=1X8	PS=100x80x10	30=3.0 ϕ mm	20=2.0m	2=FC/APC	2=FC/APC
	MM=Mini-Module	3=SC/UPC	3=SC/UPC
	1128=1X128	XX=Customized			4=SC/APC	4=SC/APC
	202=2X2				5=LC/UPC	5=LC/UPC
				6=LC/APC	6=LC/APC
	2128=2X128				X= Customized	X= Customized

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