



Excellence Wire Ind. Co., Ltd.
Ningbo Excellence Communicated Connector Co., Ltd.

...Innovation, Profession, Customer Satisfaction...



Excellence Wire Ind. Co., Ltd.

ADD: No. 13, Lane 39, Sec.2, Chang An Rd., Luchu Hsiang, Taoyuan Hsian 338, Taiwan.

TEL: +886-3-3222120

FAX: +886-3-3525455

E-mail: service@mail.exw.com.tw

<http://www.exw.com.tw>

Ningbo Excellence Communicated Connector Co., Ltd.

ADD: No. 851 Hangshanki Road, Beilun, Ningbo, Zhejiang, China 315800

TEL: +86-574-86868738

FAX: +86-574-86868728

E-mail: sales@nbexw.com

<http://www.nbexw.com>

<http://exw.en.alibaba.com>

<http://www.j45-patchcord.com>





Company Profile

EXW Advantage

- ★Quality is our pride. We take responsibility.
- ★Design team and Mold fabrication teams are ready for new products.
- ★Complete production line with Consistent Quality Control, Quick Turn Around Time and Sufficient Capacity.

Ningbo Excellence Communicated Connector Co., Ltd established in 2001. As a Taiwan company, we have factory in both Taoyuan Taiwan and Ningbo China. We specialized in patch cords and modular plugs.

We are a professional manufacturer for patch cords and modular plugs. We could provide sufficient capacity and flexible lead time. Our capacity for patch cord is over 600,000PCS per month, and for modular plug is over 30,000,000pcs per month.

With a strong in-house R&D team, we provide ODM/OEM services. We design the product, make the mold, and also make the mold maintenance all by ourselves. We engaged in keeping our patch cord and modular plug updated to the latest specification.

We have reliable quality systems, including **ISO9001**, **ISO14001**, and **OHSAS18001** certificates. We also got **UL**, **CSA**, **ETL**, **Delta** certificates for patch cord and modular plug.

We work for Innovation, Profession, and Customer-Satisfaction.

Company Milestone

- 1985 **EXW**-Excellence Wire Ind. Co., Ltd. Founded (Taiwan Taoyuan)
- 1990 **EBC**-Everbiz Ind. Co.,Ltd. Founded (Taiwan Taipei)
- 1992 **UL** certified for modular plugs
- 2001 **NBEXW**-Ningbo Excellence Communicated Connector Co., Ltd. Established (China Ningbo)
- 2003 **ISO9001** certified
- 2006 **ISO14001** and **OHSAS18001** certified
- 2007 **ETL** certified for Cat.5e, Cat.6 patch cords
- 2009 **UL** certified for patch cords
- 2009 TPS (LEAN Production system) lauched
- 2010 Ningbo EXW has been titled as **"Model of Environmental Enterprises"**
- 2011 **ETL** certified for Cat.6a patch cords
- 2012 **CE** certified for patch cords
- 2013 **Delta** certified for Cat.6, Cat.6a patch cords

1985

EXW-Excellence Wire Ind. Co., Ltd.
Founded (Taiwan Taoyuan)

1990

EBC-Everbiz Ind. Co.,Ltd.
Founded (Taiwan Taipei)

2001

NBEXW-Ningbo Excellence
Communicated Connector Co., Ltd.
Established (China Ningbo)



Company Culture

EXW is committed to providing more training courses and working with our employees to develop personal career plan.
EXW is committed to providing safety working environment for our employees.
EXW is committed to having happy and excellent employees.



Company Travel



Vegetables we plant



Wedding



Annual Party



Teamwork



Tug of war



Training



Discipline



Basketball



Entertainment



Library



Trophy

Quality Certification

Delta



Cat.6A S/FTP



Cat.6A U/UTP



Cat.6 S/FTP



Cat.6 U/UTP

RoHS & REACH



ETL



Cat.6A S/STP



Cat.6 S/STP



Cat.6 U/UTP



Cat.5e F/UTP



Cat.5e U/UTP

Patent



CE



Production Facility

With over 40 persons in our design team and in-house tooling workshop, we have the strong product design and precision mold fabrication capability. We have developed new products every year, such as Slide Patch Cord, Security Patch Cord, and Easy Patch Cord. By now we have received over 20 patents, including USA, EU, Australia, Japan, Taiwan and China.

On the other hand, we keep developing the new Cat.6A products as well as the latest 6 in 1 test. Now EXW Cat.6A patch cord has been certified by Delta, ETL based on the component test performance level. We work with customers for 6 in 1 test, and Cat.6A UTP and Cat.6A SFTP could pass 6 in 1 test.

EXW will never stop developing the new products to meet more and more customer requirements. We are ready to provide the best service, especially in ODM/OEM projects.



X-ray Tester



Chemical Lab



Stamping



Plastic Injection



Electrical Goldplating



Auto-insertion



Cable Assembly



Wire Cutting



Mold



Mold Inspection



Visual Inspection



Warehouse



Warehouse



Warehouse

Product Display

Cat.6A patch cord



Cat.6A F/UTP



Cat.6A U/FTP



Cat.6A S/FTP



Patch Cord Ordering Information

Category	Cable Type	Color	Strain Relief Type	Gold Plated u ¹	Length(M)
**	**	**	****	**	***
6A=Cat.6A 60=Cat.6 5E=Cat.5e	UT=U/UTP FT=F/UTP UF=U/FTP SF=S/FTP	GY=Grey OR=Orange YE=Yellow RE=Red GN=Green etc.	GY=Grey OR=Orange YE=Yellow RE=Red GN=Green etc.	50=50u" 30=30u" etc.	005=0.5m 010=1.0m 020=2.0m 030=3.0m etc.

EX: 6ASFGYB01250-020 means "Cat.6A, S/FTP, Grey Color, Molding Strain Relief 02-012, Plug 50u", 2m".

100% Cat.6A Component Test



DTX-1800

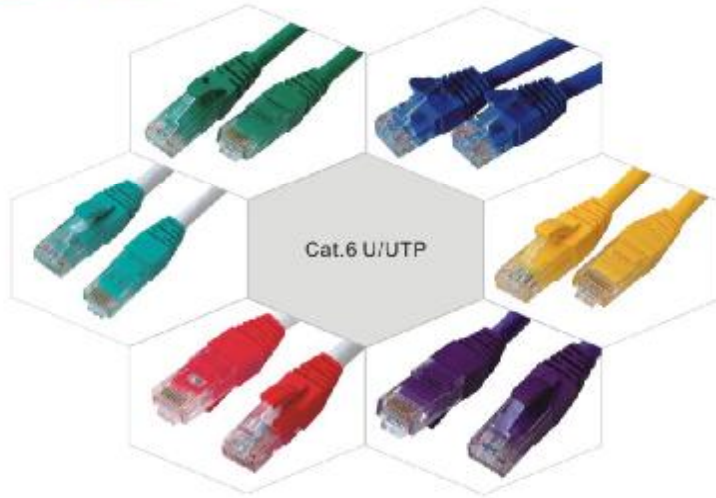


Cat.6A 4-Connector Channel Test



Product Display

Cat.6 patch cord



Cat.6 F/UTP



Cat.6 U/FTP



Cat.6 U/FTP

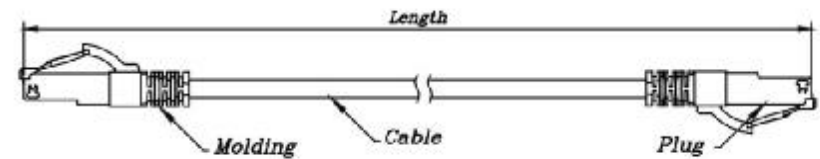


Cat.6 S/FTP

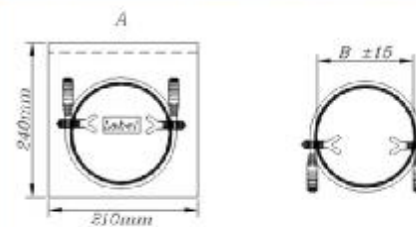
Cable Spec.



Patch Cord Spec Drawing



Bag Packing Arrange Method



Remark:

- 1 PE bag A: 0.5M~10M 210*240*0.04mm
10M~20M 300*235*0.04MM
- 2 Arrange cable OD B:
1-5M 155-175mm
6-10M 135MM
11-80M 120MM

100% Cat.6 Component Test

Product Display

Cat.5e patch cord



Cat.5e U/UTP



Cat.5e F/UTP



Cat.5e SF/UTP

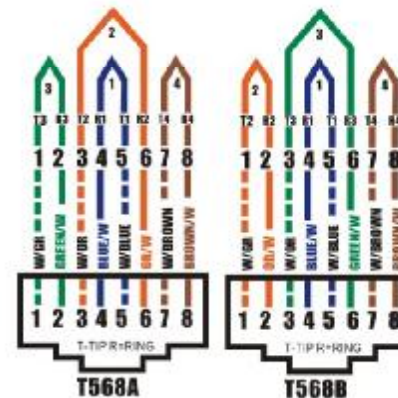
Patch Cord comply with following Industrial Standard.

- ISO/IEC11801:2011(Ed. 2.2)
- ANSI/TIA/EIA-568-C.2
- EN 50173-1:2011
- EN 50173-2:2007 including amendment A1:2010
- IEC61935-2:2010(Ed.3.0) (transmission requirements)

Cable Color

No.	Cable Color	RAL No	Pic.
1	Grey	RAL7035	
2	Red	RAL3000	
3	Yellow	RAL1021	
4	Blue	RAL5015	
5	Green	RAL6024	
6	Black	RAL9004	
7	White	RAL9003	
8	Purple	RAL4005	
9	Orange	RAL2003	

EIA/TIA 568A, 568B Wiring Diagram



100% Cat.5e Component Test

Test Summary: PASS

Category	Pass/Fail	Pass/Fail %
LINK	PASS	100%
WIREMAP	PASS	100%
ATTEN	PASS	100%
TX POWER	PASS	100%
TX LOSS	PASS	100%
TX LOSS COEFF	PASS	100%
TX LOSS COEFF COV	PASS	100%
TX LOSS COEFF STD	PASS	100%
TX LOSS COEFF VAR	PASS	100%
TX LOSS COEFF MEAN	PASS	100%
TX LOSS COEFF MIN	PASS	100%
TX LOSS COEFF MAX	PASS	100%
TX LOSS COEFF RANGE	PASS	100%
TX LOSS COEFF STD DEV	PASS	100%
TX LOSS COEFF VAR COV	PASS	100%
TX LOSS COEFF VAR STD	PASS	100%
TX LOSS COEFF VAR MEAN	PASS	100%
TX LOSS COEFF VAR MIN	PASS	100%
TX LOSS COEFF VAR MAX	PASS	100%
TX LOSS COEFF VAR RANGE	PASS	100%
TX LOSS COEFF VAR STD DEV	PASS	100%

Product Display

Plug Order Information

Position	Contact	Cable Type (Flat/ Round)	Blade Type	Gold Thickness	PC Material (94-V0/94-V2)	Options
4P	4C	F/R	E/Y/Z	03,06,15,30,50	V0,V2	S: Shielded;
6P	6C	F/R	E/Y/Z	03,06,15,30,50	V0,V2	SB: Short Body
8P	8C	F/R	E/Y/Z	03,06,15,30,50	V0,V2	D: Dec;
10P	10C	F/R	E/Y/Z	03,06,15,30,50	V0,V2	I: Insert;
C6	/	F/R	E/Y/Z	03,06,15,30,50	V0,V2	

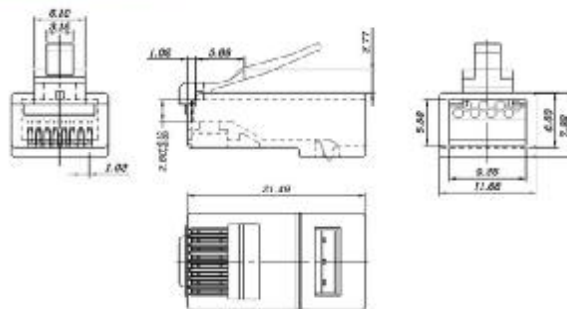
EX.: P88RE50V2: Plug 8P8C, Round cable, E blade, 50u, 94-V2.

EX.: C6R5Z50V2SIL: Cat.6 Plug, Round cable, 5Z blade, 50u, 94-V2, Shielded, with Insert.

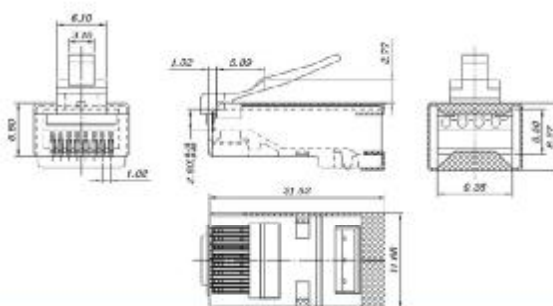
RJ45 Connectors



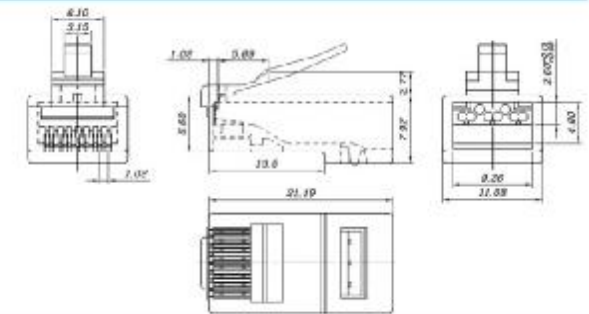
P88R5Z50V2IT EXW
Cat.6 Connector-UTP



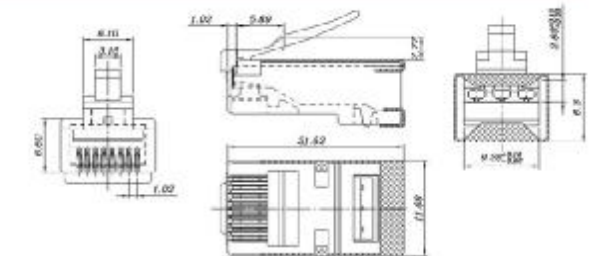
P88R5Z50V2SIT EXW
Cat.6 Connector Shielded



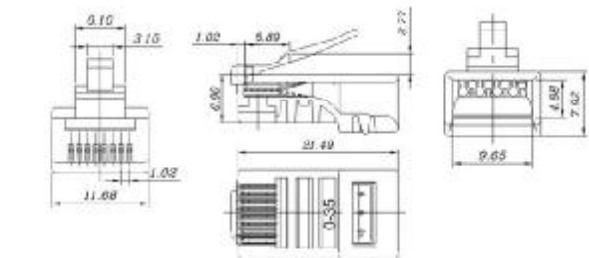
C6RH5Z50V2IL EXW
Cat.6 Connector UTP



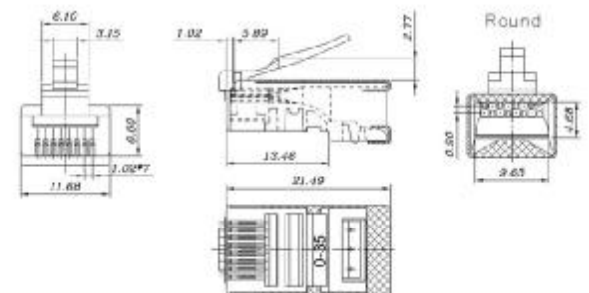
C6R5Z50V2SIL EXW
Cat.6 Connector Shielded



P88R5Z50V2T EXW
Cat.6 Connector UTP



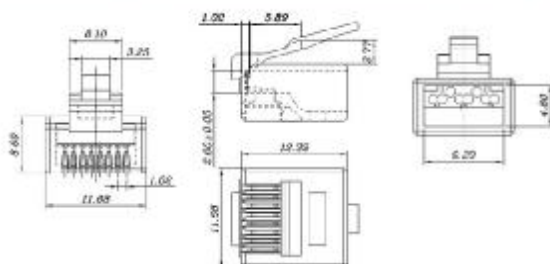
P88R5Z50V2ST EXW
Cat.6 Connector Shielded



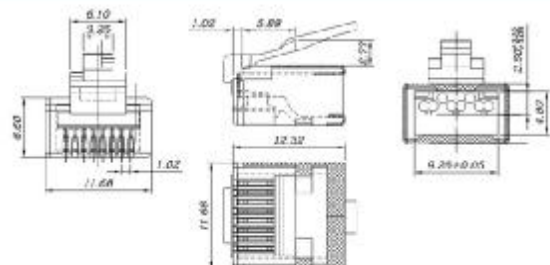
Product Display



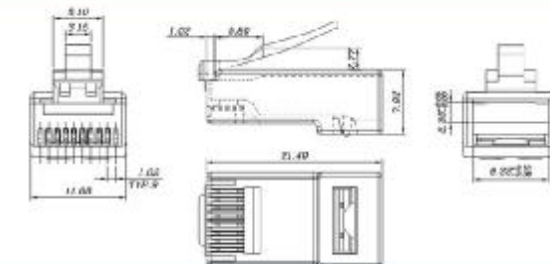
C6R5Z50V2I-EXW



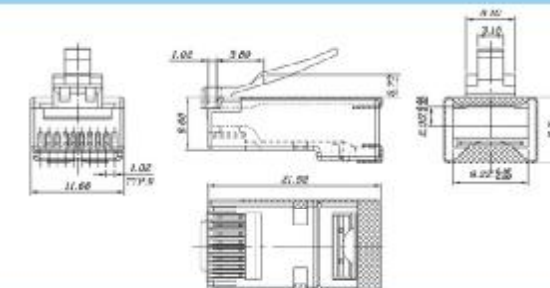
C6R5Z50V2IS-EXW



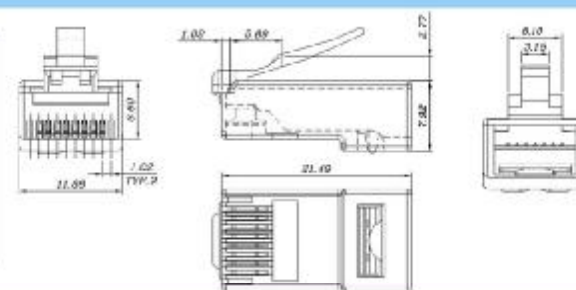
C6R5Z50V2IL-3B-EXW



C6R5Z50V2SIL-3B-EXW



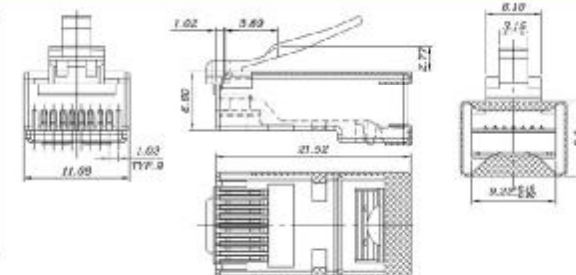
C6R5Z50V2IL-3F-EXW



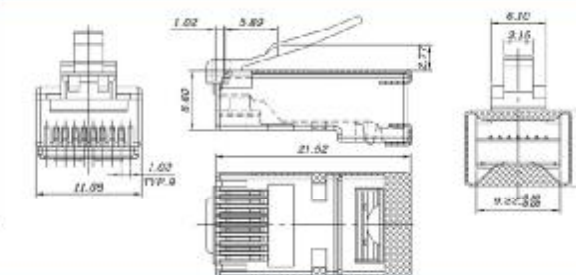
C6R5Z50V2SIL-3F-EXW



C6R5Z50V2SIL-4F-EXW



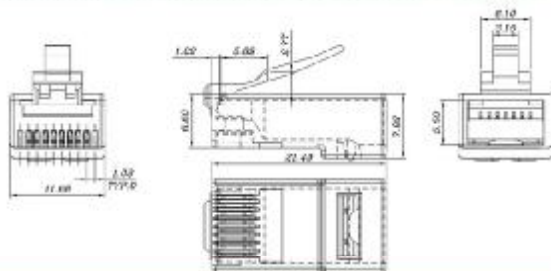
C6R5Z50V2IL-5F-EXW



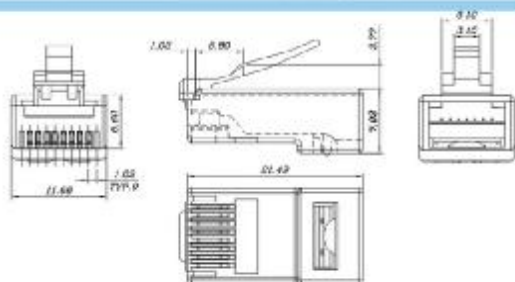
Product Display



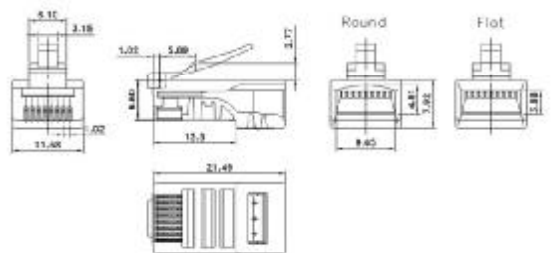
CR5Z30V2L-3Z EXW



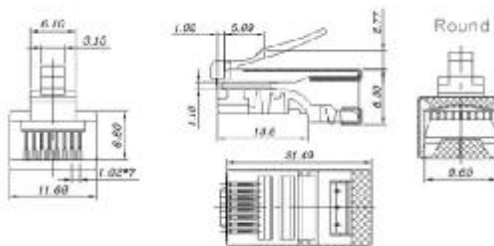
CR5Z50V2L-3P EXW



P68FE50V2 EXW/P68RE50V2 EXW
Cat.5e Connector UTP



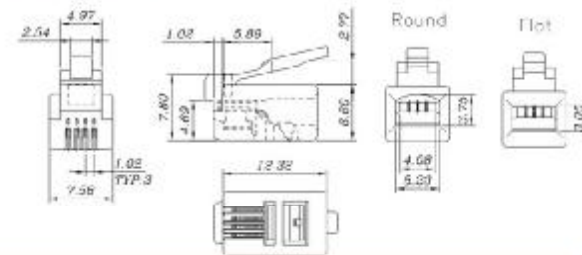
P68FE50V2S EXW/P68RE50V2S EXW
Cat.5e Connector Shielded



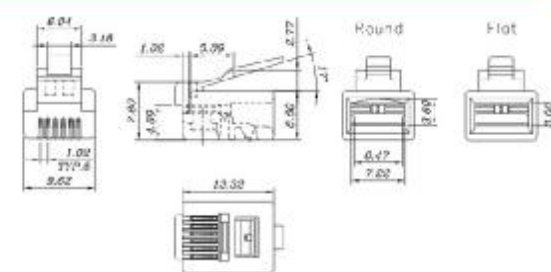
Telephone Connector



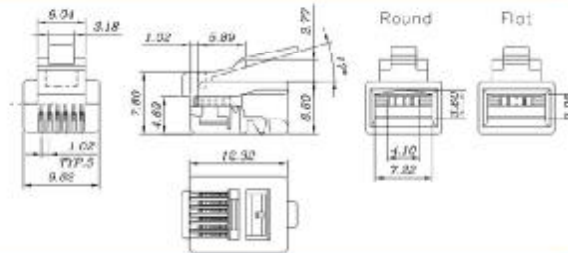
P44FE50V2 EXW/P44RE50V2 EXW



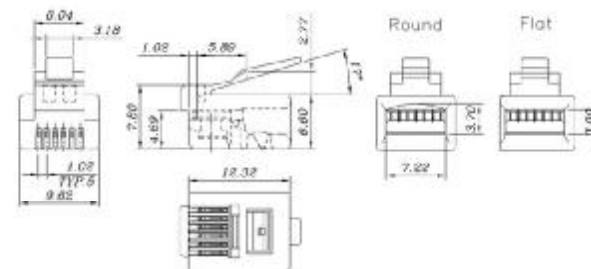
P62FE50V2 EXW/P62RE50V2 EXW



P64FE50V2 EXW/P64RE50V2 EXW



P66FE50V2 EXW/P66RE50V2 EXW

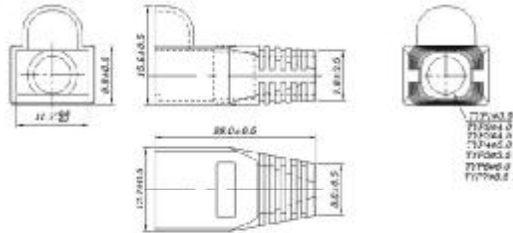


Product Display

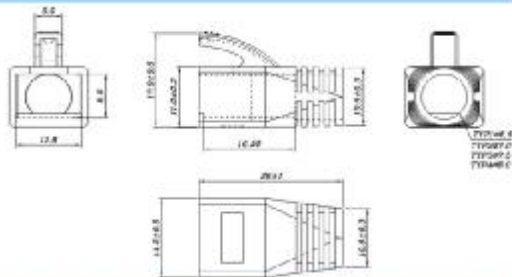
Strain Relief



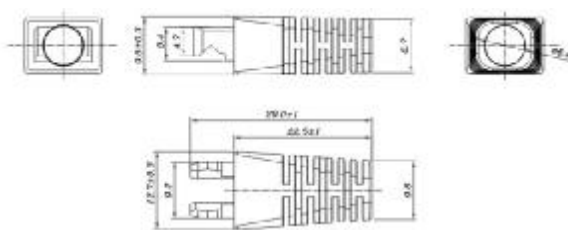
02-07 SRE2 OD3.5~6.5mm



02-123 OD 8.5~8.0mm



02-107-006



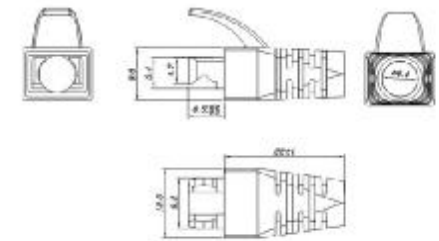
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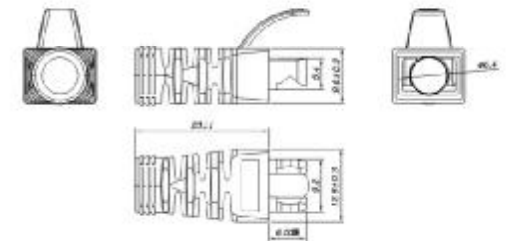
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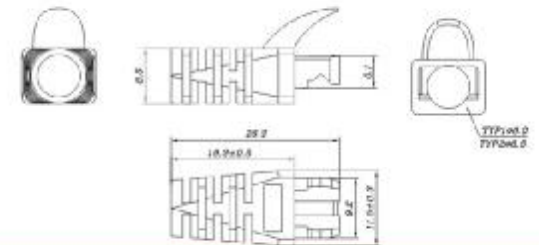
02-107-060-C6 UTP



02-105-C6 UTP



02-128



Product Display

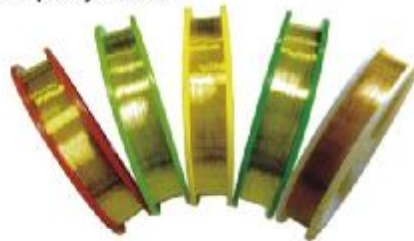
Gold Plated Wire



Micro Inch	Bobbin Color	Package	Carton
F-3	Light Green	1.5kgs/spool	N.W.10KGS G.W.15kgs CUFT 1.5
6 μ"	Green	1.5kgs/spool	N.W.10KGS G.W.15kgs CUFT 1.5
15 μ"	Yellow	1.5kgs/spool	N.W.10KGS G.W.15kgs CUFT 1.5
30 μ"	Ivory	1.5kgs/spool	N.W.9KGS G.W.13kgs CUFT 1.6
50 μ"	Red	1.5kgs/spool	N.W.9KGS G.W.13kgs CUFT 1.6

Notes:

1. UL E149025
2. Smart color control for different gold plating thickness
3. Each spool has a barcode with tracking number for quality control
4. Gold thickness range from F μ" to 50 μ"



Gold Plated Contact Blade



Z

E

Blade type	Wire Type	Micro Inch	Package	Carton
E	Stranded	03,06,15,30,50	50Kpcs/spool	500k/cn,N.W. 14kgs, G.W.17KGS,CUFT:1.2
Z	Both Stranded and Solid	03,06,15,30,50	50Kpcs/spool	500k/cn,N.W. 14kgs, G.W.17KGS, CUFT:1.2

Notes:

1. Contact Blade:

- E Blade: 2-Prong fits stranded wire only.
- Z Blade: 3-Prong fits both stranded and solid wire.

2. Gold Plating

3 μ" / 0.07 μm, 6 μ" / 0.15 μm, 15 μ" / 0.38 μm, 30 μ" / 0.76 μm, 50 μ" / 1.27 μm

3. Z contact blade advantages:

- EXW Patent: China, USA, Germany, Japan, Taiwan
- Low contact resistance
- Z blade suitable for 250MHZ, Network system

4. Better polishing on contact area!

