Product Catalog

The Best

RJ45 Plug

Patch Cord

Ningbo Excellence Communicated Connector Co., Ltd.

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EXW

Since 1985
More Than **35** YEARS HISTORY

EXW

Your Reliable Supplier

Excellence Wire Ind. Co.,Ltd.(EXW) was founded in 1985 with more than 35 years experience in the fields of connector, cable assembly and wire harness. EXW is well known in the network accessories field and enjoy the good reputation in the world !

Quality is our pride.
We take 100% responsibility.

Design team and mold fabrication team are ready for new products.

Complete production lines with consistent quality control, quick turnaround time and sufficient capacity.

EXW Profile

Excellence Wire Ind. Co.,Ltd.(EXW) was founded in **1985** with more than 35 years experience in the fields of connector, cable assembly and wire harness. EXW is well known in the network accessories field and enjoy the good reputation in the world!
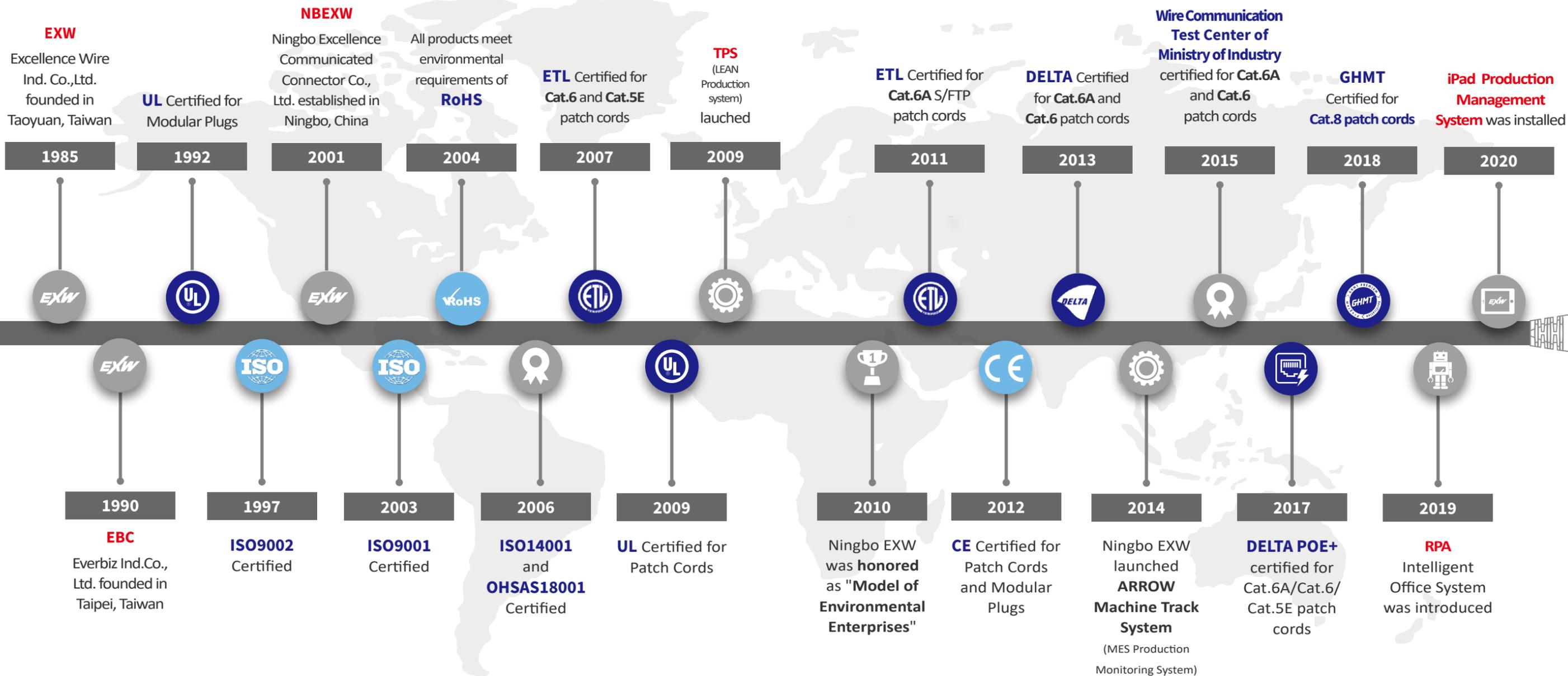
Ningbo Excellence Communicated Connector Co.,Ltd.(Ningbo EXW) was established in Ningbo, China, in 2001. We have built up the complete production lines including the stamping, electroplating, plastic injection, automatic insertion and cable assembly. We could provide sufficient capacity and flexible lead time. Our capacity for patch cord is over 1,000,000PCS per month, and for modular plug is over 30,000,000PCS per month.

With strong R & D team, we provide **ODM/OEM** services. We design the product, make the mold, and also maintain the mold all by ourselves. We commit to providing excellence products and perfect service to our customers.

We have reliable quality system, including **ISO9001, ISO14001,** and **ISO45001** certificates. We also got **UL, CSA, ETL, DELTA POE+, GHMT, CE certificates** for patch cord and modular plug.

EXW works for Innovation, Professional, and Customer-Satisfaction.

EXW Milestone

EXW
Excellence Wire Ind. Co.,Ltd. founded in Taoyuan, Taiwan

UL Certified for Modular Plugs

NBEXW
Ningbo Excellence Communicated Connector Co., Ltd. established in Ningbo, China

All products meet environmental requirements of **RoHS**

ETL Certified for **Cat.6** and **Cat.5E** patch cords

TPS
(LEAN Production system) lauched

ETL Certified for **Cat.6A** S/FTP patch cords

DELTA Certified for **Cat.6A** and **Cat.6** patch cords

Wire Communication Test Center of Ministry of Industry certified for **Cat.6A** and **Cat.6** patch cords

GHMT Certified for **Cat.8 patch cords**

iPad Production Management System was installed

| 1985 | 1992 | 2001 | 2004 | 2007 | 2009 | 2011 | 2013 | 2015 | 2018 | 2020 |

| 1990 | 1997 | 2003 | 2006 | 2009 | 2010 | 2012 | 2014 | 2017 | 2019 |

EBC
Everbiz Ind.Co., Ltd. founded in Taipei, Taiwan

ISO9002 Certified

ISO9001 Certified

ISO14001 and **OHSAS18001** Certified

UL Certified for Patch Cords

Ningbo EXW was **honored** as "**Model of Environmental Enterprises**"

CE Certified for Patch Cords and Modular Plugs

Ningbo EXW launched **ARROW Machine Track System**
(MES Production Monitoring System)

DELTA POE+ certified for Cat.6A/Cat.6/ Cat.5E patch cords

RPA Intelligent Office System was introduced

EXW Culture

Company Birthday Party

Company Travel

Teamwork

Adventure Leadership Training

Hiking

Ferrata

EXW | **More Than You Think**

Committed To

- Providing more **training courses** and working with our employees to **develop personal career plan**
- Providing **safety working** environment for our employees
- Having **happy** and **excellent** employees

Training

Vegetables we plant

Tug of war

Discipline

Wedding

Entertainment

Trophy

Annual Party

Library

Innovation

Professional

Customer Satisfaction

Quality Certification

ETL Intertek Patch Cord | DELTA Patch Cord Plug (PoE+) | cULus LISTED Plug Patch Cord

RoHS All Product | GHMT Cat.8 Solution | CE Patch Cord Modular Plug

EXW Our Promise

DELTA POE+

Cat.6A Patch Cord | Cat.6 Patch Cord | Cat.8 Series

GHMT

RoHS & REACH

Modular Plug | Patch Cord

ETL

CAT.6A Patch Cord | CAT.6 Patch Cord | CAT.5E Patch Cord

CE

Modular Plug | Patch Cord

ISO

14001 | 45001 | 9001

UL

Modular Plug | Patch Cord

Patent

More Than 50 Patents

Patent for Modular Plug

Germany | USA | Taiwan | China | Japan

Patent for Patch Cord
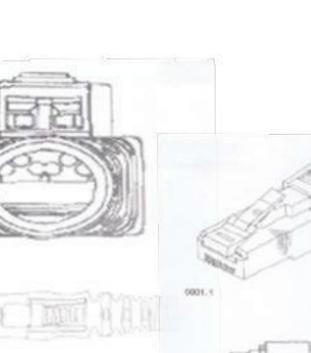
International Certification
Multi-national certification of quality assurance

100% FLUKE Component Test for Patch Cord

COMPLETE PRODUCTION LINE
FROM RAW MATERIAL TO MODULAR PLUG

EXW is a professional Taiwaness manufacturer with the complete productions for Modular Plug and Patch Cord.

Sufficient capacity and flexible lead-time is ready for you. With over 40 professional engineers in our design team and in-house tooling workshop, we have the strong product design and precision mold fabrication capability. We keep developing the new products, such as **Cat.8 patch cord,Unbreakable patch cord and Traceable LED patch cord.**

By now we have more than **50 patents**, including **USA, EU, Australia, Japan and China**.

STAMPING

GOLD PLATING

INJECTION

INSERTION

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

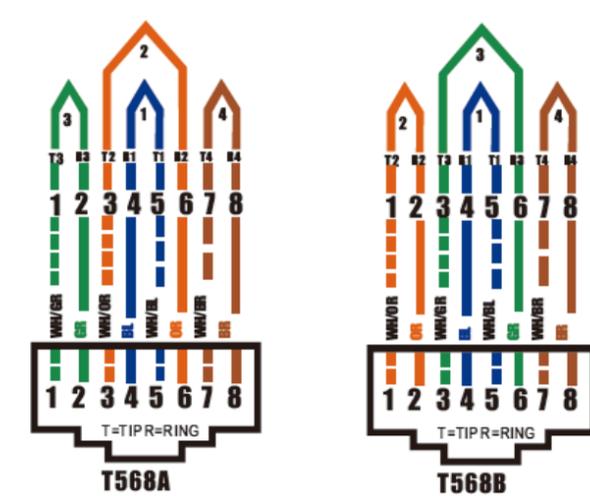
Patch cord assembly workshop

Patch Cord Information

Cable Spec.

U/UTP	U/FTP	S/FTP	SF/UTP
Cable Sheath Pair Conductor	Cable Sheath Foil Pair Screen Pair Conductor	Cable Sheath Braid Screen Foil Pair Screen Pair Conductor	Cable Sheath Braid screen Foil screen Pair Conductor

U/UTP	U/FTP	S/FTP	F/UTP
Cable Sheath Quad Pair / Side Circuit Conductor	Cable Sheath Foil Quad Screen Pair / Side Circuit Conductor	Cable Sheath Braid Screen Foil Quad Screen Pair / Side Circuit Conductor	Cable Sheath Foil Screen Pair Conductor

Various Specifications

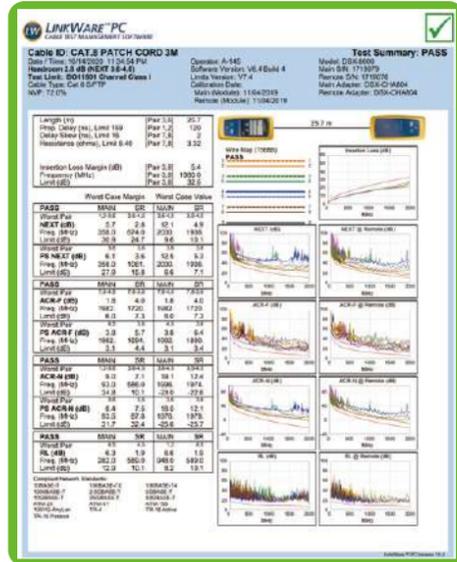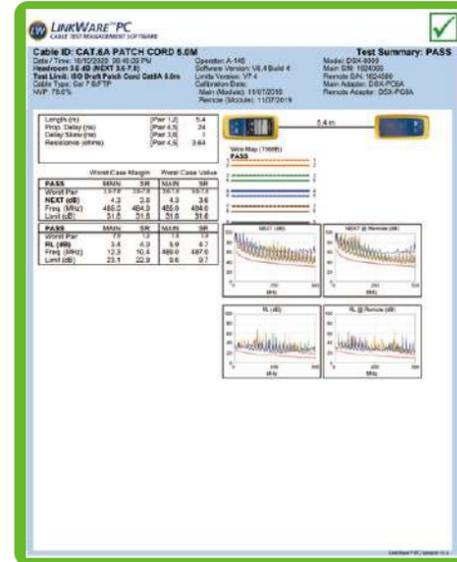| Type	Cat.8 Patch Cord	Cat.6A Patch Cord	Cat.6 Patch Cord	Cat.5E Patch Cord
Transmission Speed	40Gbps	10Gbps	1000Mbps	100Mbps
Bandwiths	2000MHz	500MHz	250MHz	100MHz
Transmission Distance	30M	100M	100M	100M
Wire	4-Pair	4-Pair	4-Pair	4-Pair
Cable Type	Shielded	Shielded or Unshielded	Shielded or Unshielded	Shielded or Unshielded
Application	High Speed Environment	Large Enterprise	Large Enterprise	Office or Home

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	

TIA 568A/B Wiring Diagram

T3 R3 T2 R1 T1 R2 T4 R4
1 2 3 4 5 6 7 8
WH/GR WH/OR BL WH/BL OR WH/BR BR

1 2 3 4 5 6 7 8
T=TIP R=RING

T568A

T2 R2 T3 R1 T1 R3 T4 R4
1 2 3 4 5 6 7 8
WH/OR WH/GR BL WH/BL GR WH/BR BR

1 2 3 4 5 6 7 8
T=TIP R=RING

T568B

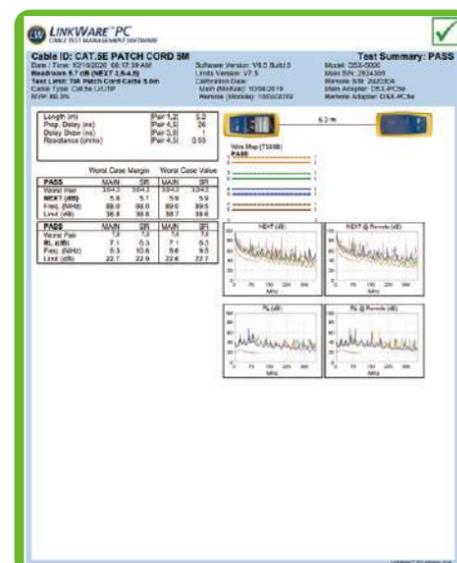cULus LISTED GHMT PoE+ CE ISO 9001 REACH RoHS

▶ CAT.8 PATCH CORD

### ▶ CAT.6A PATCH CORD

▶ CAT.6 PATCH CORD

▶ CAT.5E PATCH CORD

RJ45 Field Termination Plug & Keystone Jack
Support bandwiths of 2000MHz at Channel length up to 30 Meters

* Comply with ANSI/TIA 568.2-D & ISO/IEC 11801-1 Ed.1.0
* Support 25G BASE-T and 40G BASE-T
* Cable wire gauge:22-26AWG
* Cable outer diameter:6.0-8.5mm
* Suitable for the PoE+(IEEE802.3at) applications

Cat.8 Test Method

Horizontal Channel **30M**

Equipment — **3M** — **24M** — **3M** — Equipment

EO   C1
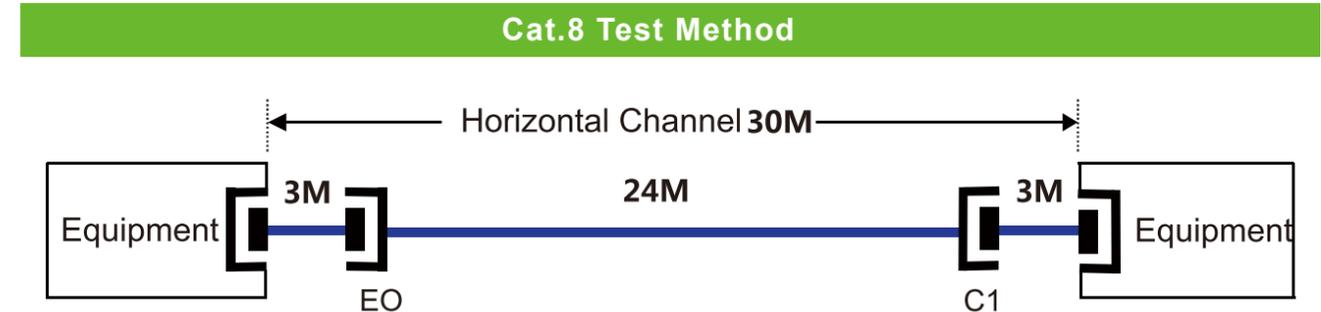
Cat.8 STP Plug & Jack

Cat.8 Test Report

Tests	Detail	Status	Value	Limit	Margin
Insertion Loss (dB)	Pair 36, 1990.0 MHz	PASS	30.9	32.6	1.7
NEXT (dB)	Pair 36-45, 1020.0 MHz	PASS	23.6	19.3	4.3
PS NEXT (dB)	Pair 36, 1228.0 MHz	PASS	18.8	13.7	5.1
ACR-N (dB)	Pair 12-36, 67.8 MHz	PASS	44.2	38.1	6.1
PS ACR-N (dB)	Pair 36, 68.0 MHz	PASS	41.3	35.0	6.3
ACR-F (dB)	Pair 78-36, 1898.0 MHz	PASS	10.1	6.4	3.7
PS ACR-F (dB)	Pair 36, 1884.0 MHz	PASS	7.0	3.5	3.5
RL (dB)	Pair 45, 1370.0 MHz	PASS	13.8	8.0	5.8
Length (m)	Pair 12		32.3		
Prop. Delay (ns)	Pair 36	PASS	139	169	30
Delay Skew (ns)	Pair 36	PASS	1	16	15
Resistance (ohms)	Pair 78	PASS	4.14	6.40	2.26
Resistance Unbalance (ohms)	Pair 45	PASS	0.019	0.200	0.181
Resistance P2P Unbalance (ohms)	Pair 45-78	PASS	0.032	0.140	0.108
Wire Map		PASS			

Cable ID: CAT.8 CHANNEL TEST 2000MHz - 3M/24M/3M — PASS
Cat 8 S/FTP ISO11801 Channel Class I Headroom (NEXT): 4.3 dB
2017-08-18 13:31 DSX-8000 S/N: 1715083

CAT.8 Patch Cord

PoE+ CE REACH RoHS

Part No.	Description
C8-SS-XX-YYYY-ZZ-26AWG	CAT.8 S/FTP 26AWG Stranded Patch Cord
C8-SS-XX-YYYY-ZZ-24AWG	CAT.8 S/FTP 24AWG Stranded Patch Cord
C8-SS-XX-YYYY-ZZ-22AWG	CAT.8 S/FTP 22AWG Solid Patch Cord

[XX] = Color   [YYYY] = Length   [ZZ] = Jacket

Features

- Follow ANSI/TIA 568.2-D & ISO/IEC 11801-1 Ed.1.0
- Support 25G BASE-T & 40G BASE-T
- Support Bandwiths of 2000MHz at Channel Length up to 30 Meters
- Cable Wire Gauge：22 ~ 26AWG
- Cable Outer Diameter：6.0 ~ 8.5mm
- Bare Copper with More Stable Performance
- 50μ" Gold Plating RJ45 Plugs with Patented Design
- Various Colors & Molding Available
- Mating Cycle：Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Operation Temperature Range：-10~60 ℃

Traceable LED Patch Cord

PoE+ CE REACH RoHS
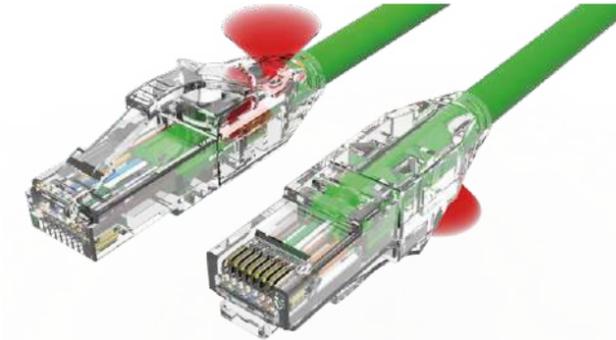
Part No.	Description
LED-C6A-SS-XX-YYYY-ZZ	CAT.6A S/FTP 26/7 Patch Cord
LED-C6A-UU-XX-YYYY-ZZ	CAT.6A U/UTP 24/7 Patch Cord
LED-C6-SS-XX-YYYY-ZZ	CAT.6 S/FTP 26/7 Patch Cord
LED-C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 24/7 Patch Cord

[XX] = Color   [YYYY] = Length   [ZZ] = Jacket

Features

- World's First Self Tracing Patch Cord
- Super Bright LED for Easy Identification
- Press & Release 20 or 40 Seconds of Flashing
- User Controls the Flash Duration
- Replaceable CR927 Lithium Battery Inside
- No Additional Equipments Required
- Cat.6A / Cat.6 UTP & SSTP Available
- Follow ANSI/TIA-568.2-D & ISO/IEC 11801
- Bare Copper with More Stable Performance
- 50μ" Gold Plating RJ45 Plugs with Patented Design
- Various Colors & Molding Available
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Operation Temperature Range: -10~60 ℃

EASY Patch Cord

➤ Use hand tool

➤ **High Density Compatible**
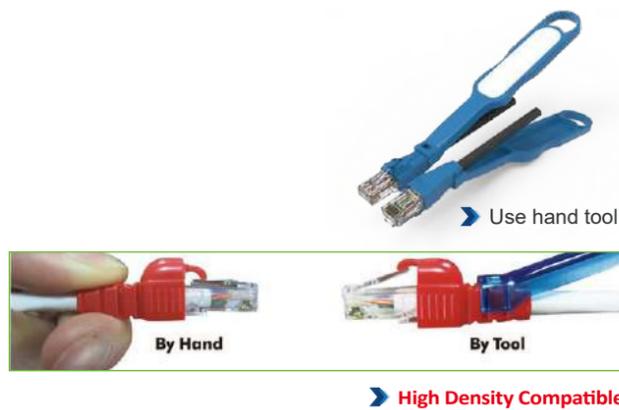
Part No.	Description
EASY-C6A-SS-XX-YYYY-ZZ	CAT.6A S/FTP 26/7 Patch Cord
EASY-C6A-UU-XX-YYYY-ZZ	CAT.6A U/UTP 24/7 Patch Cord
EASY-C6-SS-XX-YYYY-ZZ	CAT.6 S/FTP 26/7 Patch Cord
EASY-C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 24/7 Patch Cord

[XX] = Color   [YYYY] = Length   [ZZ] = Jacket

Features

➤ Follow ANSI/TIA-568.2-D & ISO/IEC 11801
➤ Easy & Fast Plug-in & Pull-out
➤ Easy Solution for Compact Patch Panel
➤ With Special Tool
➤ Save Space & High Density Compatible
➤ Patented in Australia, Germany, Japan, USA and etc
➤ Cat.6A / Cat.6 EASY Patch Cord Available
➤ Bare Copper with More Stable Performance
➤ 50µ" Gold Plating RJ45 Plugs with Patented Design
➤ Various Colors & Molding Available
➤ Mating Cycle: Up to 1,200 Times
➤ Suitable for PoE+ （IEEE802.3at) Applications
➤ Operation Temperature Range: -10~60 ℃

Antibacterial Patch Cord
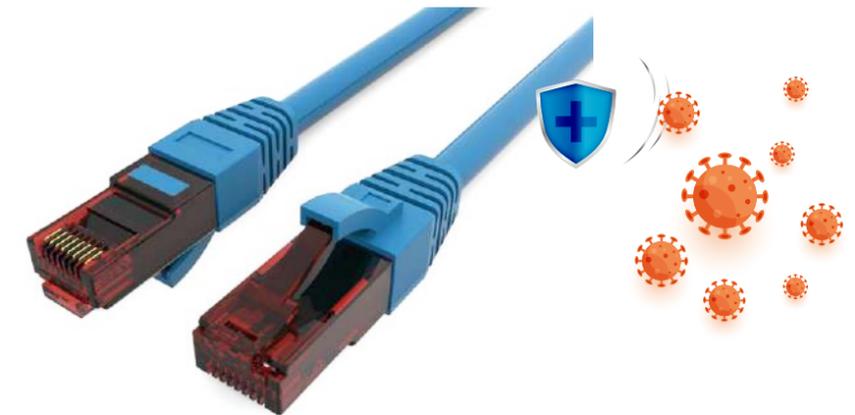
[XX] = Color   [YYYY] = Length   [ZZ] = Jacket

Part No.	Description
C8-SS-XX-YYYY-ZZ	CAT.8 S/FTP 26/7 Patch Cord
C6A-SS-XX-YYYY-ZZ	CAT.6A S/FTP 26/7 Patch Cord
C6A-UU-XX-YYYY-ZZ	CAT.6A U/UTP 24/7 Patch Cord
C6-SS-XX-YYYY-ZZ	CAT.6 S/FTP 26/7 Patch Cord
C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 24/7 Patch Cord
C6-UF-XX-YYYY-ZZ	CAT.6 U/FTP 26/7 Patch Cord
C6-FU-XX-YYYY-ZZ	CAT.6 F/UTP 26/7 Patch Cord
C5E-FU-XX-YYYY-ZZ	CAT.5E F/UTP 26/7 Patch Cord
C5E-UU-XX-YYYY-ZZ	CAT.5E U/UTP 24/7 Patch Cord

Features

➤ Keep Healthy & Safe
➤ Antimicrobial Activity Complys with ISO 22196:2011
➤ Follow ANSI/TIA-568.2-D & ISO/IEC 11801
➤ 100% FLUKE Test by DSX-8000 & DSX-5000
➤ Bare Copper with More Stable Performance
➤ 50µ" Gold Plating RJ45 Plugs with Patented Design
➤ Various Colors & Molding Available
➤ Mating Cycle: Up to 1,200 Times
➤ Suitable for PoE+ （IEEE802.3at) Applications
➤ Operation Temperature Range: -10~60 ℃

Dual-Color Patch Cord

[XX] = Color [YYYY] = Length [ZZ] = Jacket

Part No.	Description
C8-SS-XX-YYYY-ZZ	CAT.8 S/FTP 26/7 Patch Cord
C6A-SS-XX-YYYY-ZZ	CAT.6A S/FTP 26/7 Patch Cord
C6A-UU-XX-YYYY-ZZ	CAT.6A U/UTP 24/7 Patch Cord
C6-SS-XX-YYYY-ZZ	CAT.6 S/FTP 26/7 Patch Cord
C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 24/7 Patch Cord
C6-UF-XX-YYYY-ZZ	CAT.6 U/FTP 26/7 Patch Cord
C6-FU-XX-YYYY-ZZ	CAT.6 F/UTP 26/7 Patch Cord
C5E-FU-XX-YYYY-ZZ	CAT.5E F/UTP 26/7 Patch Cord
C5E-UU-XX-YYYY-ZZ	CAT.5E U/UTP 24/7 Patch Cord

Features

- Molding with Dual-Color
- Follow ANSI/TIA-568.2-D & ISO/IEC 11801
- 100% FLUKE Test by DSX-8000 & DSX-5000
- Bare Copper with More Stable Performance
- 50μ" Gold Plating RJ45 Plugs with Patented Design
- Various Colors & Molding Available
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Operation Temperature Range: -10~60 ℃

M12 Industrial Patch Cord

[XX] = Color [YYYY] = Length [ZZ] = Jacket

Part No.	Description
M12-C6A--XX-YYYY-ZZ	CAT.6A S/FTP 26/7 Patch Cord
M12-C6--XX-YYYY-ZZ	CAT.6 S/FTP 26/7 Patch Cord
M12-C5E--XX-YYYY-ZZ	CAT.5E SF/UTP 26/7 Patch Cord

Features

- M12 Patch Cord for Industrial Application
- Assembled with IP67 Shielded Connectors
- Male & Female Connectors Available
- Cat.6A / Cat.6 / C5E Available
- Bare Copper with More Stable Performance
- Operation Temperature Range: -40~80 ℃
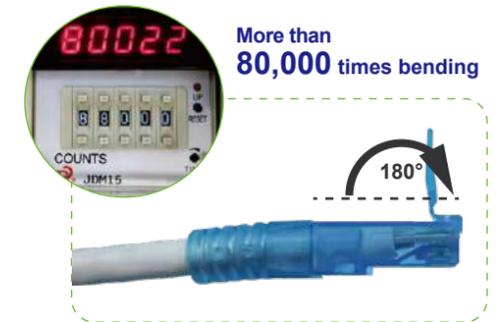
IP68 Industrial Patch Cord

REACH RoHS

Part No.	Description
IP68-C6A--XX-YYYY-ZZ	CAT.6A S/FTP 26/7 Patch Cord
IP68-C6--XX-YYYY-ZZ	CAT.6 S/FTP 26/7 Patch Cord
IP68-C5E--XX-YYYY-ZZ	CAT.5E FTP 26/7 Patch Cord

[XX] = Color   [YYYY] = Length   [ZZ] = Jacket

Features

- IP68 Compliant
- Protective Cap for Harsh Environment
- Assembled with Outdoor Cable
- 50μ" Gold Plating RJ45 Plugs with Patented Design
- Follow ANSI/TIA-568.2-D & ISO/IEC 11801
- With 100% Component Test by DSX-8000 & DSX-5000
- Bare Copper with More Stable Performance
- Cat.6A / Cat.6 / C5E Available
- Operation Temperature Range: -10~60 ℃

Unbreakable Patch Cord

ETL Intertek DELTA c UL us LISTED PoE+ CE REACH RoHS

More than
80,000 times bending

180°

Part No.	Description
Unbreakable-C6A-SS-XX-YYYY-ZZ	CAT.6A S/FTP 26/7 Patch Cord
Unbreakable-C6A-UU-XX-YYYY-ZZ	CAT.6A U/UTP 24/7 Patch Cord
Unbreakable-C6-SS-XX-YYYY-ZZ	CAT.6 S/FTP 26/7 Patch Cord
Unbreakable-C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 24/7 Patch Cord
Unbreakable-C5E-SF-XX-YYYY-ZZ	CAT.5E SF/UTP 26/7 Patch Cord
Unbreakable-C5E-UU-XX-YYYY-ZZ	CAT.5E U/UTP 24/7 Patch Cord

[XX] = Color   [YYYY] = Length   [ZZ] = Jacket

Features

- The Most Durable Patch Cord in the Market
- Follow ANSI/TIA-568.2-D & ISO/IEC 11801
- The Latch of the Plug with More Than 80,000 Times 180 Degree Bending
- Cat.6A / Cat.6 / Cat.5E Available
- Bare Copper with More Stable Performance
- 50μ" Gold Plating RJ45 Plugs with Patented Design
- Various Colors & Molding Available
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Operation Temperature Range: -10~60 ℃

CAT.6A Patch Cord

ETL Intertek · DELTA · c UL us LISTED · PoE+ · CE · REACH · RoHS
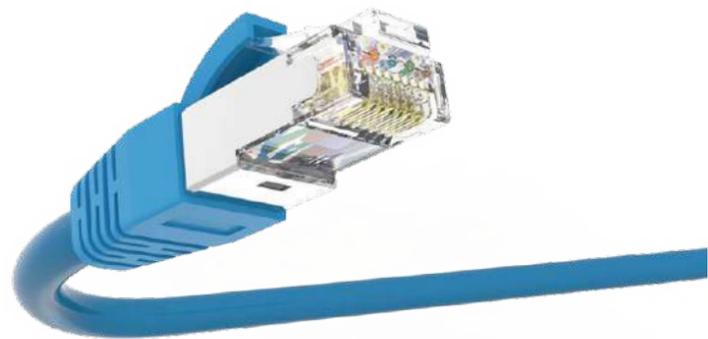
Part No.	Description
C6A-SS-XX-YYYY-ZZ	CAT.6A S/FTP 26/7 Patch Cord
C6A-UF-XX-YYYY-ZZ	CAT.6A U/FTP 26/7 Patch Cord
C6A-FU-XX-YYYY-ZZ	CAT.6A F/UTP 26/7 Patch Cord
C6A-UU-XX-YYYY-ZZ	CAT.6A U/UTP 24/7 Patch Cord

[XX] = Color [YYYY] = Length [ZZ] = Jacket

Features

➤ Follow ANSI/TIA-568.2-D & ISO/IEC 11801
➤ 10G Cat.6A Patch Cord with 100% Component Test by DSX-8000 & DSX-5000
➤ Bare Copper with More Stable Performance
➤ 50μ" Gold Plating RJ45 Plugs with Patented Design
➤ Various Colors & Molding Available
➤ Mating Cycle: Up to 1,200 Times
➤ Suitable for PoE+ （IEEE802.3at) Applications
➤ Operation Temperature Range: -10~60 ℃

CAT.6 Patch Cord

ETL Intertek · DELTA · c UL us LISTED · PoE+ · CE · REACH · RoHS
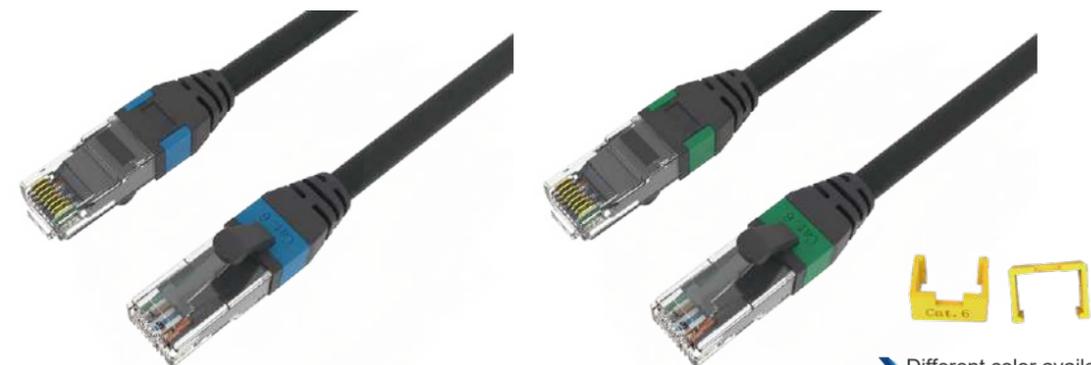
➤ Different color available

Part No.	Description
C6-SS-XX-YYYY-ZZ	CAT.6 S/FTP 26/7 Patch Cord
C6-UF-XX-YYYY-ZZ	CAT.6 U/FTP 26/7 Patch Cord
C6-FU-XX-YYYY-ZZ	CAT.6 F/UTP 26/7 Patch Cord
C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 24/7 Patch Cord

[XX] = Color [YYYY] = Length [ZZ] = Jacket

Features

➤ Follow ANSI/TIA-568.2-D & ISO/IEC 11801
➤ Cat.6 Patch Cord with 100% Component Test by DSX-8000 & DSX-5000
➤ Bare Copper with More Stable Performance
➤ 50μ" Gold Plating RJ45 Plugs with Patented Design
➤ Various Colors & Molding Available
➤ Mating Cycle: Up to 1,200 Times
➤ Suitable for PoE+ （IEEE802.3at) Applications
➤ Operation Temperature Range: -10~60 ℃

CAT.5E Patch Cord

PoE+ CE REACH RoHS
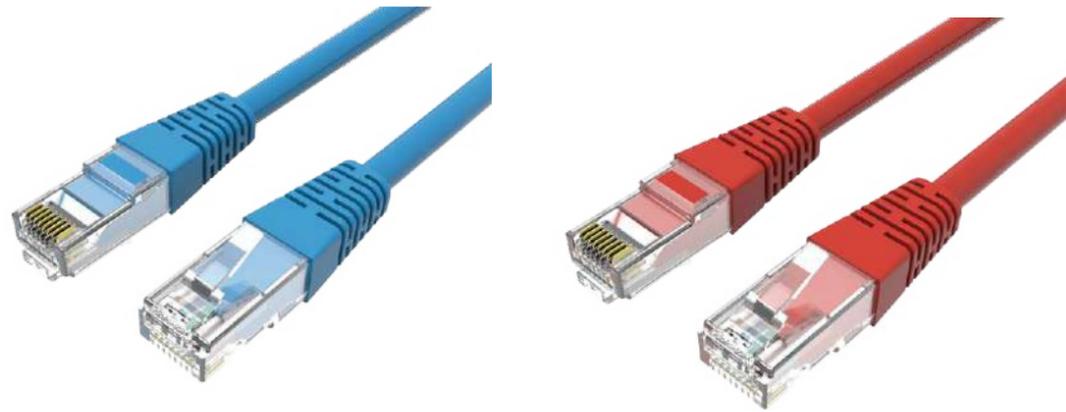
Part No.	Description
C5E-SF-XX-YYYY-ZZ	CAT.5E SF/UTP 26/7 Patch Cord
C5E-FU-XX-YYYY-ZZ	CAT.5E F/UTP 26/7 Patch Cord
C5E-UU-XX-YYYY-ZZ	CAT.5E U/UTP 24/7 Patch Cord

[XX] = Color   [YYYY] = Length   [ZZ] = Jacket

Features

> Follow ANSI/TIA-568.2-D & ISO/IEC 11801
> Cat.5E patch cord with 100% Continuity Test.(Component Test Optional)
> Bare Copper with More Stable Performance
> 50μ" Gold Plating RJ45 Plugs with Patented Design
> Various Colors & Molding Available
> Mating Cycle: Up to 1,200 Times
> Suitable for PoE+ （IEEE802.3at) Applications
> Operation Temperature Range: -10~60 ℃

Slim Patch Cord

PoE+ CE REACH RoHS

Part No.	Description
Slim-C6A-SS-XX-YYYY-ZZ	CAT.6A S/FTP 30/7 Patch Cord
Slim-C6-SS-XX-YYYY-ZZ	CAT.6 S/FTP 30/7 Patch Cord
Slim-C6-SS-XX-YYYY-ZZ	CAT.6 S/FTP 28/7 Patch Cord
Slim-C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 32/7 Patch Cord
Slim-C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 28/7 Patch Cord

[XX] = Color   [YYYY] = Length   [ZZ] = Jacket

Features

> Follow ANSI/TIA-568.2-D & ISO/IEC 11801
> Save Space & High Density Compatible
> Cat.6A / Cat.6 / Cat.5E Available
> 32AWG / 30AWG/ 28AWG Aavailable
> Bare Copper with More Stable Performance
> 50μ" Gold Plating RJ45 Plugs with Patented Design
> Various Colors & Molding Available
> Mating Cycle: Up to 1,200 Times
> Suitable for PoE+ （IEEE802.3at) Applications
> Operation Temperature Range: -10~60 ℃

90 Degree Angle Patch Cord

ETL Intertek DELTA cULus LISTED PoE⁺ CE REACH RoHS

Part No.	Description
Angled-C6A-SS-XX-YYYY-ZZ	CAT.6A S/FTP 26/7 Patch Cord
Angled-C6A-UU-XX-YYYY-ZZ	CAT.6A U/UTP 24/7 Patch Cord
Angled-C6-SS-XX-YYYY-ZZ	CAT.6 S/FTP 26/7 Patch Cord
Angled-C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 24/7 Patch Cord
Angled-C5E-SF-XX-YYYY-ZZ	CAT.5E SF/UTP 26/7 Patch Cord
Angled-C5E-UU-XX-YYYY-ZZ	CAT.5E U/UTP 24/7 Patch Cord

[XX] = Color [YYYY] = Length [ZZ] = Jacket

Features

- Follow ANSI/TIA-568.2-D & ISO/IEC 11801
- 90 Degree Angled Patch Cord Designed for Special Bending Situation
- Cat.6A / Cat.6 / Cat.5E Shielded or Unshielded Aavailable
- Bare Copper with More Stable Performance
- 50μ" Gold Plating RJ45 Plugs with Patented Design
- Various Colors & Molding Available
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Operation Temperature Range: -10~60 ℃

Flat Patch Cord

PoE⁺ CE REACH RoHS
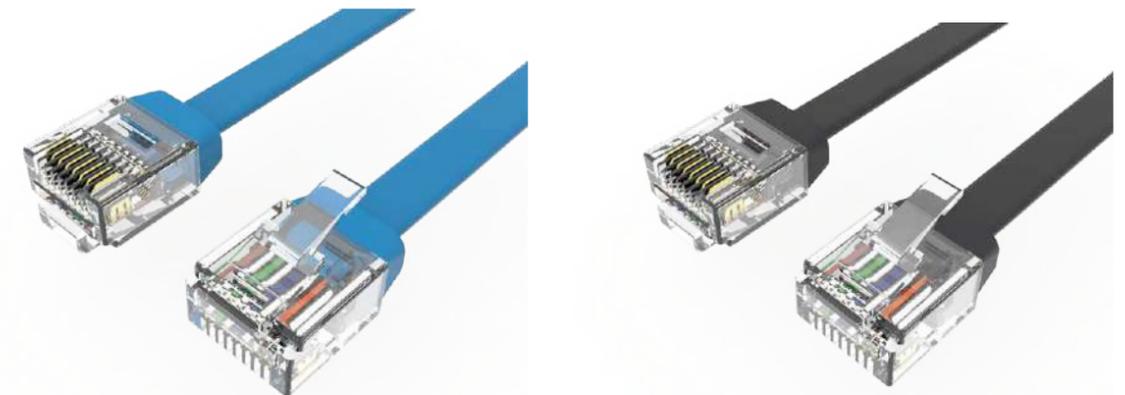
Part No.	Description
Flat-C6-SS-XX-YYYY-ZZ	CAT.6 F/UTP 30/7 Patch Cord
Flat-C6-UU-XX-YYYY-ZZ	CAT.6 U/UTP 30/7 Patch Cord
Flat-C5E-SF-XX-YYYY-ZZ	CAT.5E F/UTP 30/7 Patch Cord
Flat-C5E-UU-XX-YYYY-ZZ	CAT.5E U/UTP 30/7 Patch Cord

[XX] = Color [YYYY] = Length [ZZ] = Jacket

Features

- High Quality Flat Patch Cord with Different Moldings
- Cat.6A / Cat.6 / Cat.5E Available.
- Bare Copper with More Stable Performance
- 50μ" Gold Plating RJ45 Plugs with Patented Design
- Various Colors & Molding Available
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Operation Temperature Range: -10~60 ℃

110 Patch Cord

CE REACH RoHS

Part No.	Description
110-4-XX-YYYY-ZZ	110-110 4Pairs Patch Cord
110-2-XX-YYYY-ZZ	110-110 2Pairs Patch Cord
110-1-XX-YYYY-ZZ	110-110 1Pair Patch Cord

[XX] = Color   [YYYY] = Length   [ZZ] = Jacket

Features

- Meet the Date & Fax & Voice Application
- 110 4Paris / 2 Pairs / 1 Pair Patch Cords Available
- Bare Copper with More Stable Performance
- Connector Color: Transparent / Ivory Color for Option
- Operation Temperature Range: -10~60 ℃

Cat.8 Field Termination Plug

PoE+ CE REACH RoHS

Part No.	Description
C8FTP	CAT.8 Field Termination Plug for CAT.8 Solid / Stranded Cables

Features

- Comply with ANSI/TIA 568.2-D & ISO/IEC 11801-1 Ed.1.0
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Easy & Quick Installation
- Support 25G BASE-T & 40G BASE-T
- 50µ" Gold Plating
- Different Colors Available
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 22AWG to 24AWG
- Cable Outer Diameter : 7.0 to 8.5mm

Cat.6A Field Termination Plug

UL LISTED · PoE⁺ · CE · REACH · RoHS

Part No.	Description
C6AFTP	CAT.6A Field Termination Plug for CAT.6A Solid / Stranded Shielded Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Easy & Quick Installation
- 50µ" Gold Plating
- Different Colors Available
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 23AWG to 26AWG
- Cable Outer Diameter : 6.0 to 7.5mm

Fat OD Modular Plug

UL LISTED · PoE⁺ · CE · REACH · RoHS
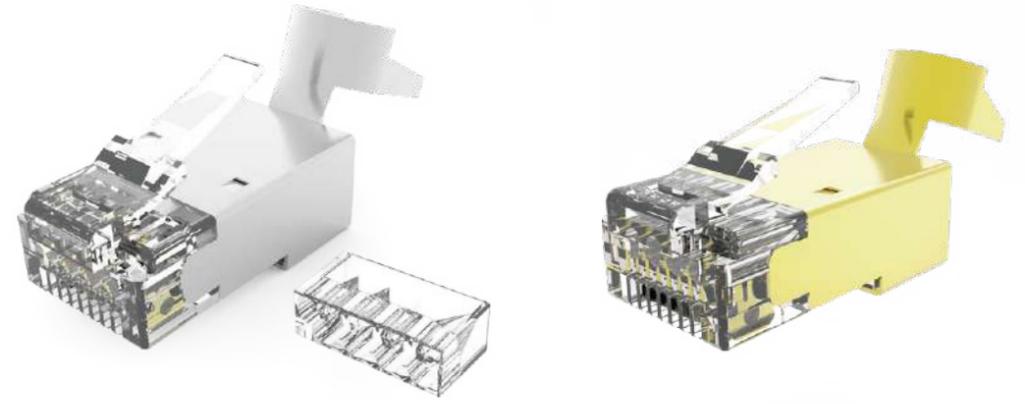
Part No.	Description
P88-3Y	Fat OD Plug for Cat.8 / CAT.7 / CAT.6A Solid / Stranded Shielded Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Plug with 1.5MM Wire OD for Fat OD Cable
- Different Gold Thickness Available (50µ",30µ",15µ",6µ",3µ" , flash)
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 22AWG to 26AWG
- Cable Outer Diameter : 6.0 to 8.5mm
- Complete Solution for Fat OD Cable (with Special Designed Tool, Fat OD Boot, Fat OD Plug)

EASY Modular Plug

UL LISTED · PoE+ · CE · REACH · RoHS
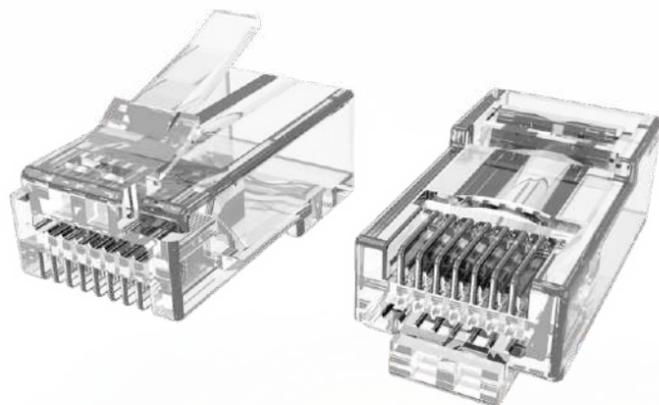
Part No.	Description
EZ-P88F5Z50V2SIT-3Y	Fat OD EZ Plug for CAT.7 / CAT.6A Solid / Stranded Cables
EZ-P88FZ50V2-C6	CAT.6 UTP 8P8C EZ Plug for Stranded / Solid Lan Cables
EZ-P88FZ50V2S -C6	CAT.6 STP 8P8C EZ Plug for Stranded / Solid Lan Cables
EZ-P88FZ50V2-R-C5E	CAT.5E UTP 8P8C EZ Plug for Stranded / Solid Lan Cables
EZ-P88FZ50V2S-C5E	CAT.5E STP 8P8C EZ Plug for Stranded / Solid Lan Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Meet FCC Standard
- CAT.6A / CAT.6 / CAT.5E Easy Plug Available
- Different Gold Thickness Available (50μ",30μ",15μ",6μ",3μ" , flash)
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 24AWG to 26AWG
- Complete Solution for EZ Plug (with Special Designed Tool, Special Boot)

Arch Modular Plug

UL LISTED · PoE+ · CE · REACH · RoHS
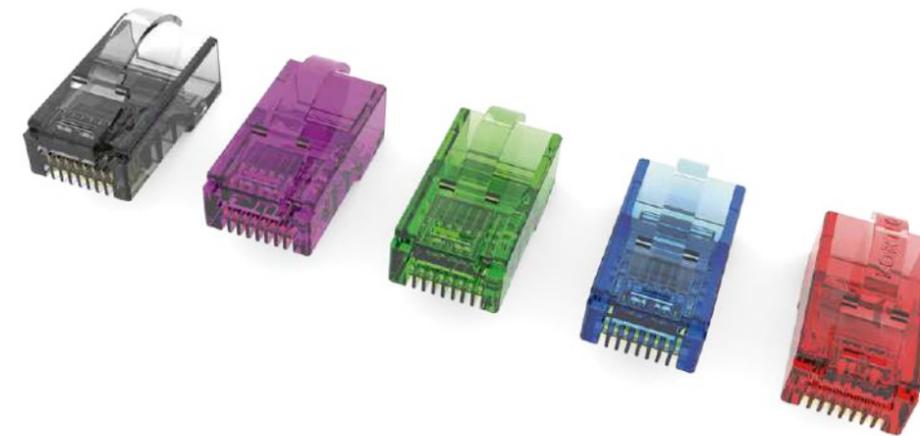
Part No.	Description
Arch-C6R5Z50V2SIL-2R	CAT.6A STP 8P8C Arch Plug for Stranded / Solid Lan Cables
Arch-C6RH5Z50V2IL-2R	CAT.6A UTP 8P8C Arch Plug for Stranded / Solid Lan Cables
Arch-C6R5Z50V2SIL	CAT.6 STP 8P8C Arch Plug for Stranded / Solid Lan Cables
Arch-C6RH5Z50V2IL	CAT.6 UTP 8P8C Arch Plug for Stranded / Solid Lan Cables
Arch-P88FZ50V2S-R	CAT.5E STP 8P8C Arch Plug for Stranded / Solid Lan Cables
Arch-P88FZ50V2-R	CAT.5E UTP 8P8C Arch Plug for Stranded / Solid Lan Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Meet FCC Standard
- CAT.6A / CAT.6 / CAT.5E Arch Plug Available
- Different Gold Thickness Available (50μ",30μ",15μ",6μ",3μ" , flash)
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 24AWG to 26AWG
- With Special Designed Boot

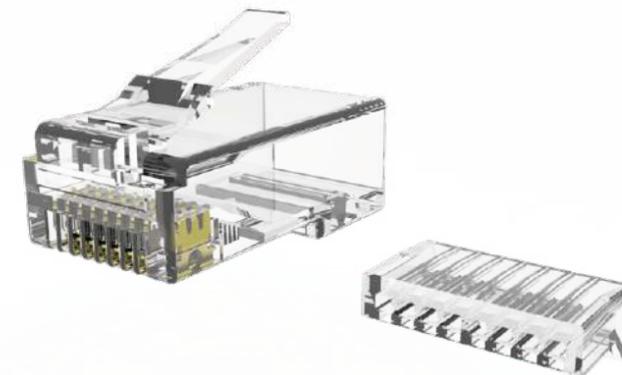## CAT.6A Modular Plug

Part No.	Description
C6RH5Z50V2IL-3R	CAT.6A UTP 8P8C Plug for Stranded / Solid Lan Cables
C6R5Z50V2SIL-3R	CAT.6A STP 8P8C Plug for Stranded / Solid Lan Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Meet FCC Standard
- Three Parts Plug with Two Loading Bars
- Different Gold Thickness Available (50μ",30μ",15μ",6μ",3μ" , flash)
- Mating Cycle: Up to 1,200 Times.
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 24AWG to 26AWG
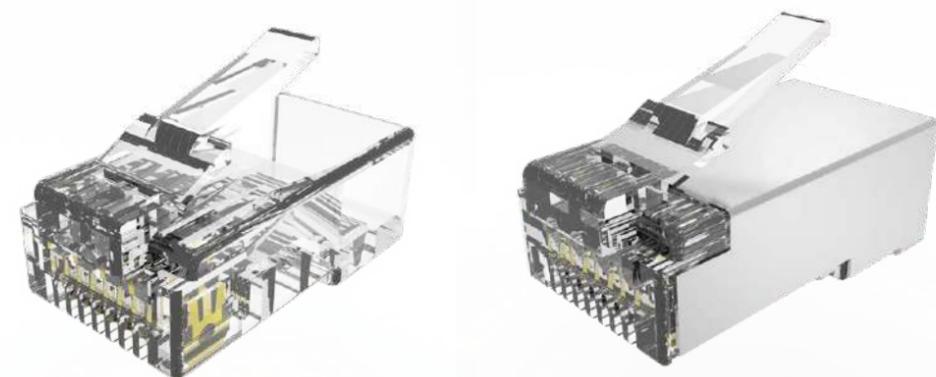
CAT.6A Modular Plug

Part No.	Description
C6RH5Z50V2IL	CAT.6A UTP 8P8C Plug for Stranded / Solid Lan Cables
C6R5Z50V2SIL	CAT.6A STP 8P8C Plug for Stranded / Solid Lan Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Meet FCC Standard
- Two Parts Plug with Loading Bar
- Different Gold Thickness Available (50μ",30μ",15μ",6μ",3μ" , flash)
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
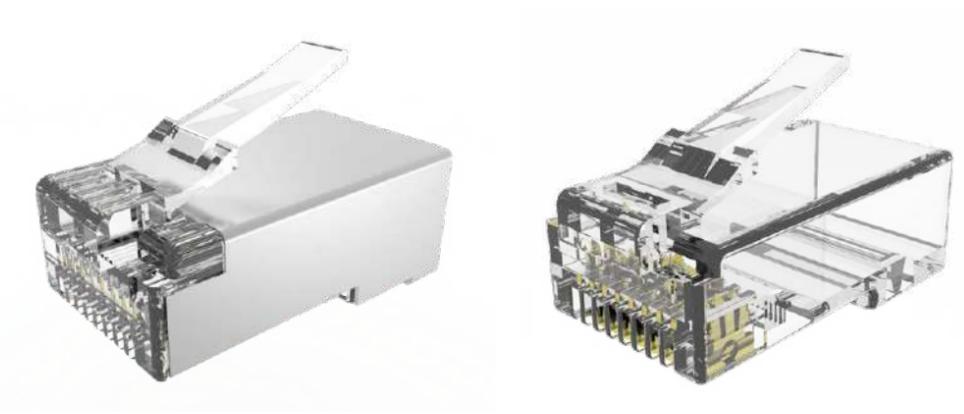- Cable Wire Gauge : 24AWG to 26AWG

CAT.6 Modular Plug

Part No.	Description
P88R5Z50V2IT	CAT.6 UTP 8P8C Plug for Stranded / Solid Lan Cables
P88R5Z50V2SIT	CAT.6 STP 8P8C Plug for Stranded / Solid Lan Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Meet FCC Standard
- Two Parts Plug with Loading Bar
- Different Gold Thickness Available (50μ",30μ",15μ",6μ",3μ" , flash)
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 24AWG to 26AWG

CAT.6 Modular Plug

Part No.	Description
P88F5Z50V2T-R	CAT.6 UTP 8P8C Plug for Stranded / Solid Lan Cables
P88R5Z50V2ST	CAT.6 STP 8P8C Plug for Stranded / Solid Lan Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Meet FCC Standard
- Different Gold Thickness Available (50μ",30μ",15μ",6μ",3μ" , flash)
- Mating Cycle: Up to 1,200 Times
- Cable Wire Gauge : 24AWG to 26AWG

RJ45 8P8C Modular Plug

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Part No.	Description
P88RY50V2	CAT.5E UTP 8P8C Plug for Stranded / Solid Lan Cables
P88RY50V2S	CAT.5E STP 8P8C Plug for Stranded / Solid Lan Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Meet FCC Standard
- Different Gold Thickness Available (50µ",30µ",15µ",6µ",3µ" , flash)
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 24AWG to 26AWG

Telephone Plug

UL LISTED PoE+ CE REACH RoHS
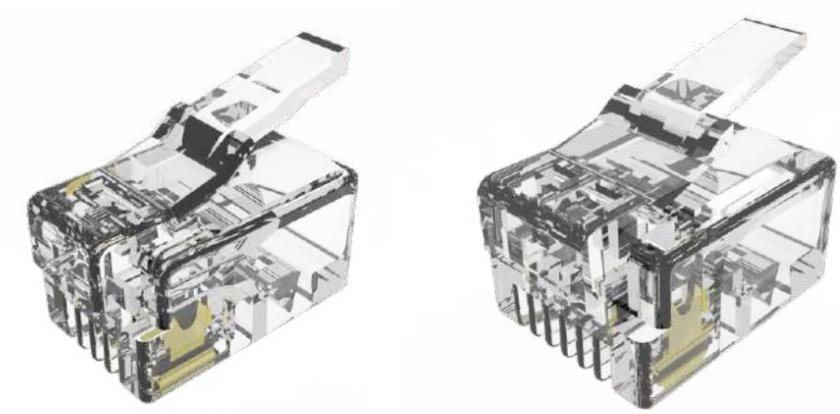
Part No.	Description
P66RE50V2	6P6C Telephone Plug for Round / Flat Telephone Cables
P64RE50V2	6P4C Telephone Plug for Round / Flat Telephone Cables
P62RE50V2	6P2C Telephone Plug for Round / Flat Telephone Cables
P44RE50V2	4P4C Telephone Plug for Round / Flat Telephone Cables
P42RE50V2	4P2C Telephone Plug for Round / Flat Telephone Cables

Features

- Meet FCC Standard
- RJ11 / RJ12 Telephone Plug Available
- Different Gold Thickness Available (50µ",30µ",15µ",6µ",3µ" , flash)
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 24AWG to 26AWG

Short Body Modular Plug
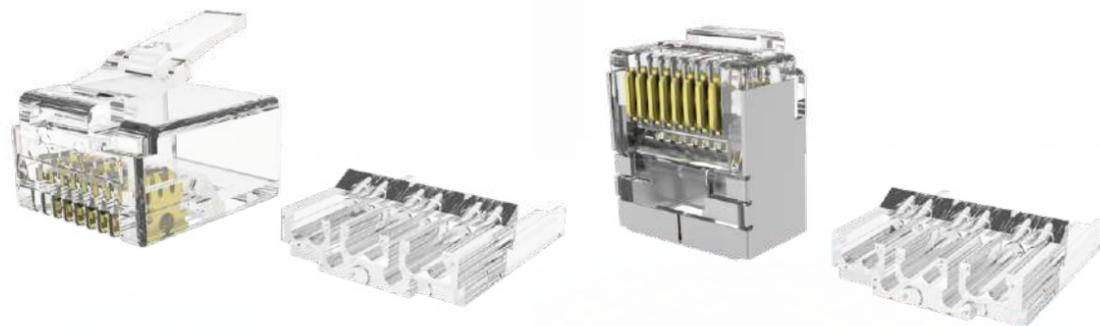
Part No.	Description
C6R5Z50V2I	CAT.6 UTP 8P8C Short Body Plug for Stranded / Solid Lan Cables
C6R5Z50V2SI	CAT.6 STP 8P8C Short Body Plug for Stranded / Solid Lan Cables
P88R5E50V2SB	CAT.5E UTP 8P8C Short Body Plug for Stranded / Solid Lan Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Follow IEC 60603-7 series for RJ45 8-Way Connector
- Meet FCC Standard
- Different Gold Thickness Available (50µ",30µ",15µ",6µ",3µ" , flash)
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 24AWG to 26AWG

10P10C RJ48 Modular Plug
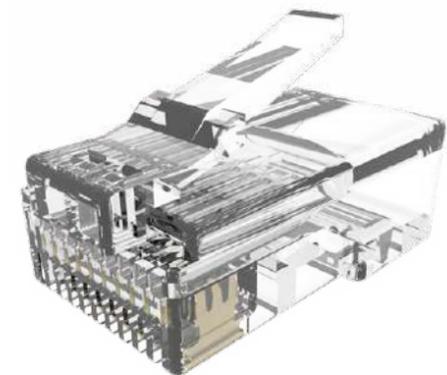
Part No.	Description
P00RY50V2	10P10C UTP Modular Plug for Stranded / Solid Lan Cables
P00RY50V2S	10P10C STP Modular Plug for Stranded / Solid Lan Cables

Features

- Comply with ISO/IEC 11801-1 & ANSI/TIA-568.2-D
- Meet FCC Standard & Reliability Test based on IEC 60603-7
- Different Gold Thickness Available (50µ",30µ",15µ",6µ",3µ" , flash)
- Mating Cycle: Up to 1,200 Times
- Suitable for PoE+ （IEEE802.3at) Applications
- Cable Wire Gauge : 24AWG to 26AWG

110 Connector

REACH RoHS

Part No.	Description
110-1P	110-1 Pair Connector for Cat.5E 1 Pair Lan Cables
110-2P	110-2 Pair Connector for Cat.5E 2 Pairs Lan Cables
110-4P	110-4 Pair Connector for Cat.5E 4 Pairs Lan Cables

Features

➤ Meet the Date & Fax & Voice Application
➤ 110 4 Pairs / 2 Pairs / 1 Pair Available
➤ Connector Color: Transparent / Ivory Color for Option
➤ Certified by CE
➤ Operation Temperature Range: -10~60 ℃

Adjustable Boot

REACH RoHS

[XX] = Color

Part No.	Description
02-210-XX	One Boot with Different OD for Cat.7 / Cat.6A / Cat.6 / Cat.5e Cables

Features

➤ PVC & PC Material
➤ One Boot Designed with Different OD
➤ OD: 7.0 / 6.5 / 6.0 MM
➤ Different Colors Available
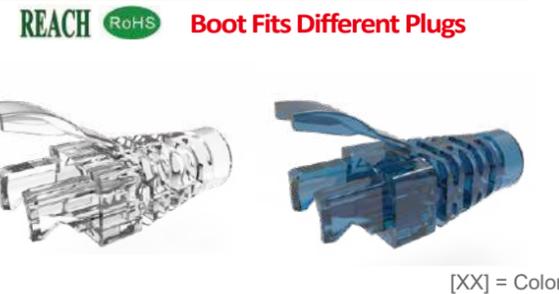➤ Used with RJ45 Plugs for Different Cables

Fat OD Boot

REACH RoHS

[XX] = Color

Part No.	Description
02-123-XX	Fat OD Boot for Cat.8 / Cat.7 / Cat.6A Shielded or Unshielded Cables

Features

➤ PVC Material
➤ OD: 8.0 / 7.5 / 7.0 / 6.5MM
➤ Different Colors Available
➤ Used with Fat OD Cables

Transparent Boot

REACH RoHS **Boot Fits Different Plugs**

[XX] = Color

Part No.	Description
01-129-XX	RJ45 Plug Boot for Cat.6A / Cat.6 / Cat.5E Shielded or Unshielded Cables

Features

➤ High Transparency Plug Boot
➤ PC Material
➤ OD: 6.5 / 6.0 / 5.2 / 4.5 MM
➤ Different Colors Available
➤ Used with RJ45 Plugs for Different Cables

Boot For Arch Plug

REACH RoHS

[XX] = Color

Part No.	Description
01-147-XX	RJ45 Plug Boot Used with Cat.6A / Cat.6 / Cat.5E Arch Plugs

Features

➤ PC Material
➤ Boot Designed for Arch Plugs
➤ High Transparency Boot
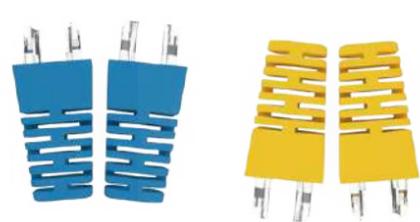➤ OD: 6.5 / 6.0 MM

Standard Plug Boot

REACH RoHS

[XX] = Color

Part No.	Description
02-007-XX	RJ45 Plug Boot for Cat.6A / Cat.6 / Cat.5E Shielded or Unshielded Cables

Features

- PVC Material
- OD: 6.5 / 6.0 / 5.5 / 5.0 / 4.5 / 4.0 / 3.5MM
- Different Colors Available
- Used with RJ45 Plugs for Different Cables

Standard Plug Boot

REACH RoHS

[XX] = Color

Part No.	Description
02-107-008-XX	RJ45 Plug Boot for Cat.6A / Cat.6 / Cat.5E Shielded or Unshielded Cables

Features

- Boot Designed with Two Parts
- OD: 6.4 MM
- Different Colors Available
- Used with RJ45 Plugs for Different Cables

Standard Plug Boot

REACH RoHS

[XX] = Color

Part No.	Description
02-128-XX	RJ45 Plug Boot for Cat.6A / Cat.6 / Cat.5E Shielded or Unshielded Cables

Features

- PVC Material
- OD: 6.5 / 6.0 / 5.5 MM
- Different Colors Available
- Used with RJ45 Plugs for Different Cables

Boot for Arch Plug

REACH RoHS

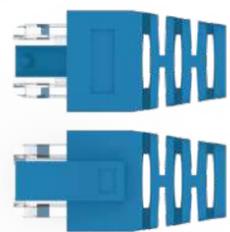[XX] = Color

Part No.	Description
01-163-XX	RJ45 Plug Boot Used with Cat.6A / Cat.6 / Cat.5E Arch Plugs

Features

- PC Material
- Boot Designed for Arch Plugs
- High Transparency Arch Plug Boot
- OD: 6.5 / 4.7 MM

Standard Plug Boot

REACH RoHS

[XX] = Color

Part No.	Description
02-107-032-XX	RJ45 Plug Boot for Cat.6A / Cat.6 / Cat.5E Shielded or Unshielded Cables

Features

- Boot Designed with Two Parts
- OD: 6.4 / 6.0 / 5.5 MM
- Different Colors Available
- Used with RJ45 Plugs for Different Cables

Standard Plug Boot

REACH RoHS

[XX] = Color

Part No.	Description
02-107-105-XX	RJ45 Plug Boot for Cat.6A / Cat.6 / Cat.5E Shielded or Unshielded Cables

Features

- Boot Designed with Two Parts
- OD: 6.5 / 6.0 MM
- Different Colors Available
- Used with RJ45 Plugs for Different Cables

3Y Tool

Part No.	Description
3Y Tool	Crimping Hand Tool for Larger Diameter RJ45 Modular Plugs

Features

- High Quality Hand Tool Designed
- For Big OD Plugs

EZ Tool

Part No.	Description
EZ Tool	Crimping Hand Tool for RJ45 Easy Plugs, RJ11 Plugs, RJ12 Plugs

Features

- High Quality Hand Tool Designed
- For EZ Plugs

Gold Plated Wire

Micro Inch	Bobbin Color	Package	Carton
50 u"	Red	1.5kgs/spool	N.W: 10kgs; G.W: 15kgs; CUFT:1.5
30 u"	Ivory	1.5kgs/spool	N.W: 10kgs; G.W: 15kgs; CUFT:1.5
15 u"	Yellow	1.5kgs/spool	N.W: 10kgs; G.W: 15kgs; CUFT:1.5
6 u"	Green	1.5kgs/spool	N.W: 10kgs; G.W: 15kgs; CUFT:1.5
F-3 u"	Light Green	1.5kgs/spool	N.W: 10kgs; G.W: 15kgs; CUFT:1.5

Features

> Different Gold Thickness Available

> Smart Color Control for Different Gold Plating Thickness Wire

> Each Spool Has a Barcode with Tracking Number for Quality Control

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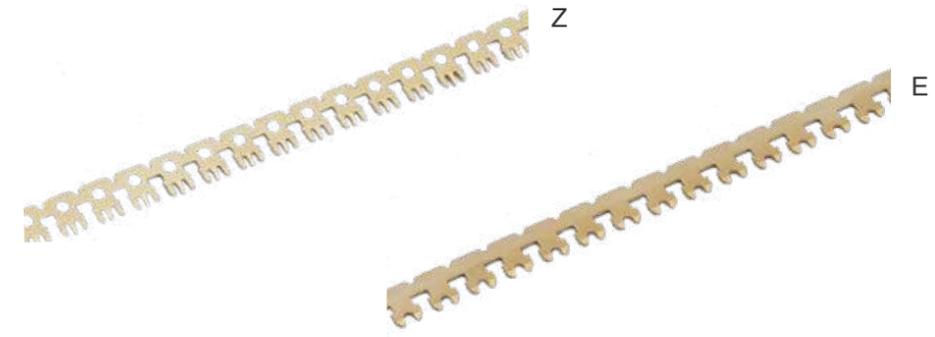
Blade Type	Wire Type	Micro Inch	Package	Carton
E	Stranded	50,30,15,06,03	50Kpcs/spool	500k/ctn, N.W: 14kgs, G.W: 17kgs; CUFT: 1.2
Z	Both Stranded and Solid	50,30,15,06,03	50Kpcs/spool	500k/ctn, N.W: 14kgs, G.W: 17kgs; CUFT: 1.2

Features

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

> **Gold Plating:**
  50u"/1.27um, 30u"/0.76um, 15u"/0.38um, 6u"/0.15um, 3u"/0.07um

> **Advantages for Z Blade:**
  EXW Patent: China, USA, Germany, Japan, Taiwan

> **Better Polishing On Contact Area!**