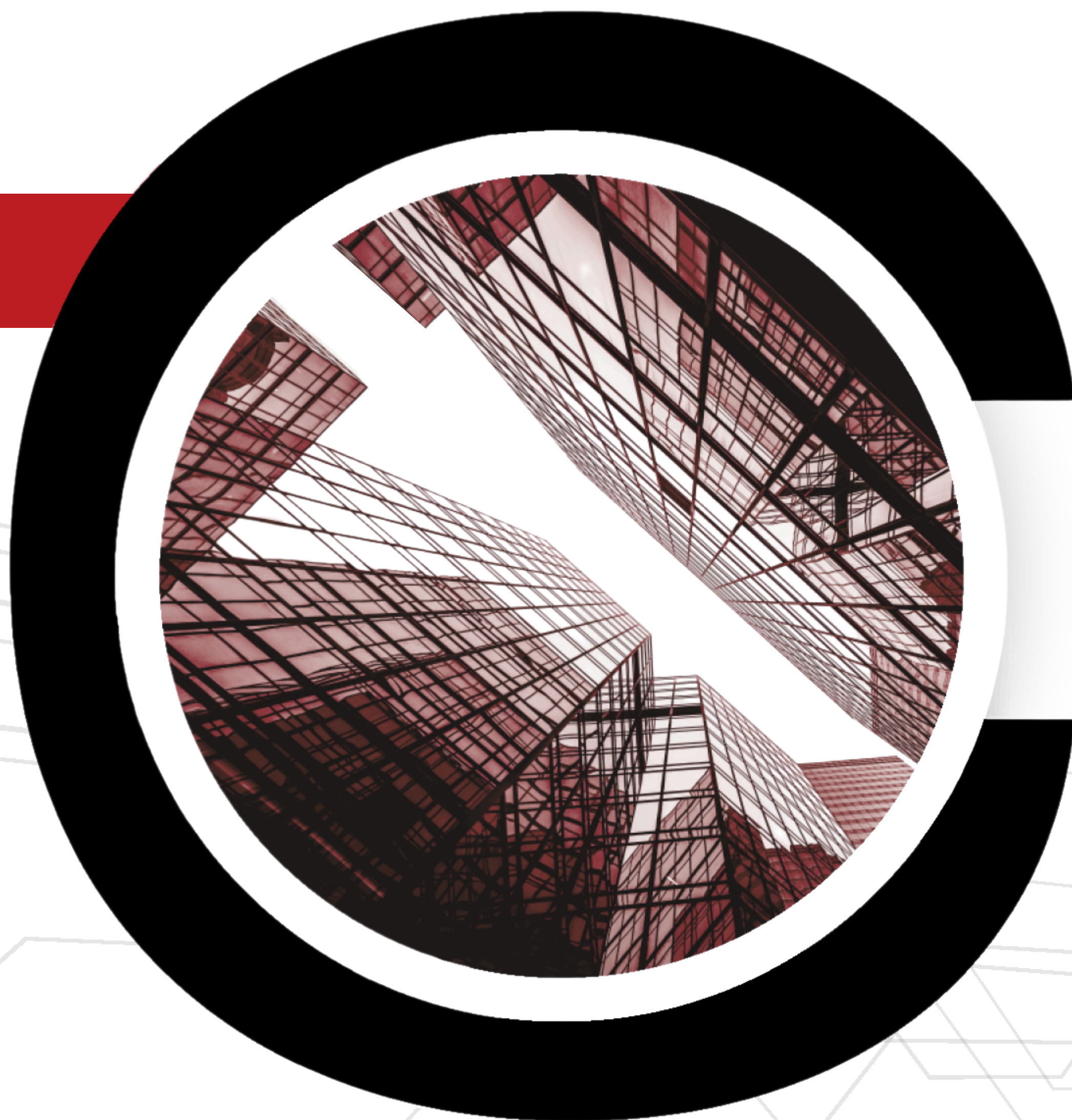


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CONNECTING CORE TO THE WORLD



**PRODUCT**  
**CATALOGUE**  
CAT 6 Solutions

## CAT.6 23AWG U/UTP Cable

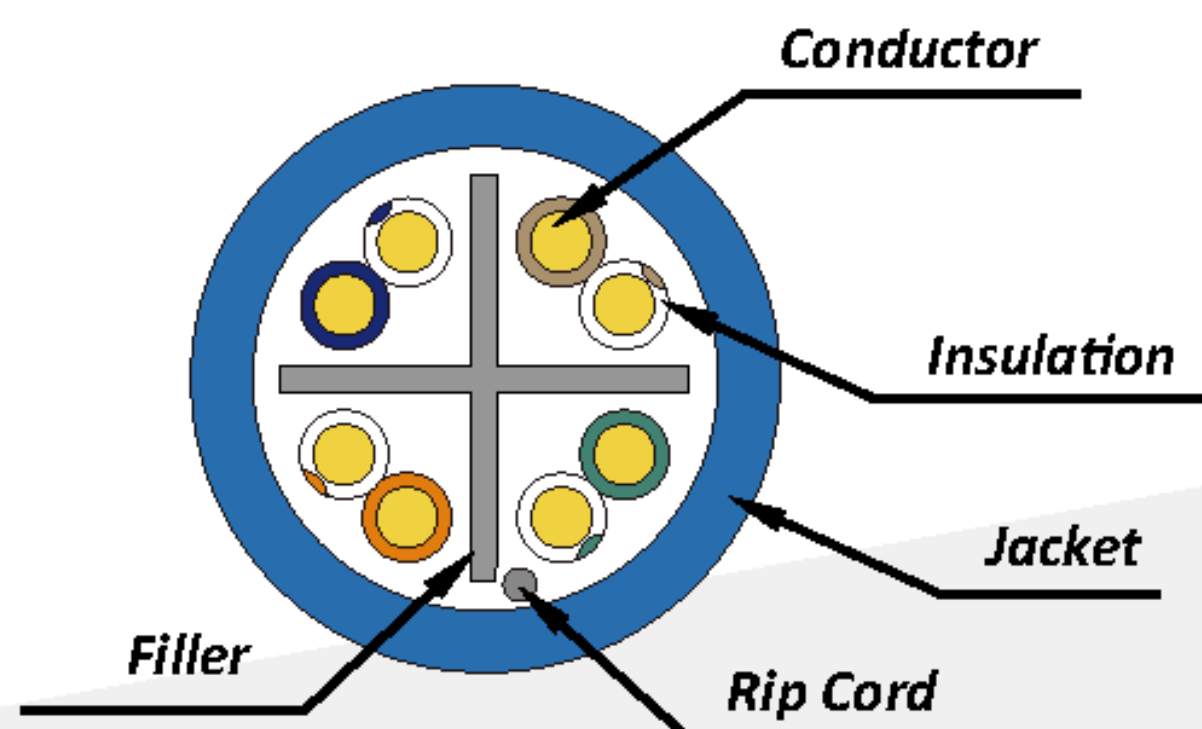
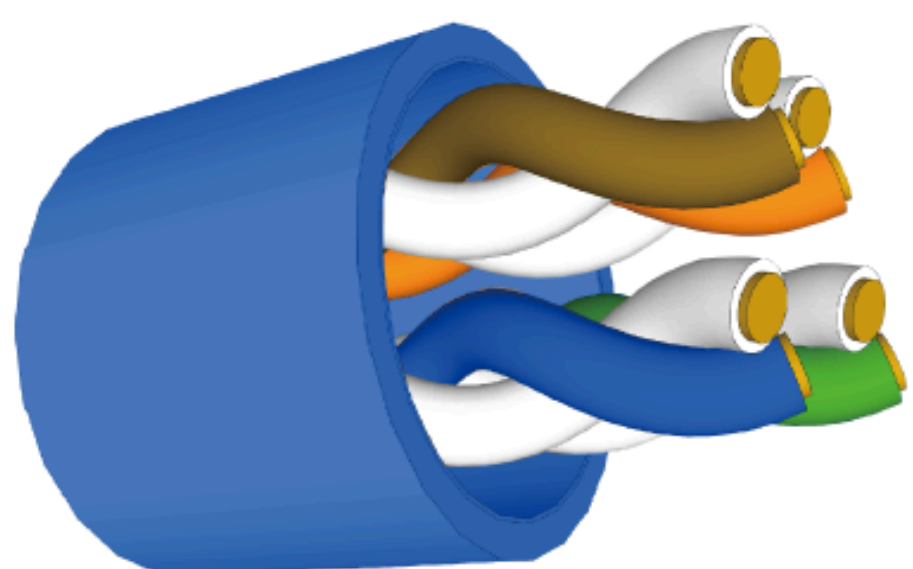
SOLID CM CABLE

FC-09-00046-BL (BLUE)

FC-09-00046-GRY (GREY)

FC-09-00046-RD (RED)

International : IEC 61156-5 (Edit 2.1)



### Features

- High performance of transmission.
- High quality of safety property.
- Sweep frequency up to 600 MHz.
- Reelex II carton and easy to pull out.
- Carton with one layer corrugated design providing sufficient strength and saving packaging space.

### Description

- 1. CONDUCTOR Size :
  - 1-1. Type : Solid bare copper
- 2. INSULATION :
  - 2-1. Type : Polyolefin (PO)
  - 2-2. Diameter :  $0.93 \pm 0.02 \text{mm}$  ;  
 $0.96 \pm 0.02 \text{mm}$  ;  
 $0.97 \pm 0.02 \text{mm}$
- 3. JACKET TYPE :
  - Flame retardant polyvinyl chloride (FRPVC)
  - 3-1. Overall Diameter :  $6.0 \pm 0.02 \text{mm}$
  - 3-2. Thickness :  $0.50 \pm 0.05 \text{mm}$

### General

- Cold bend test :  $-20^{\circ}\text{C}$  for 4hr
- Dielectric strength : 1.5 KV AC for 2S
- Min bending radius :  $\geq 4$  times of overall diameter
- Max pulling tension :  $\leq 110 \text{ N}$
- Installation temperature :  $0^{\circ}\text{C}$  to  $60^{\circ}\text{C}$
- Operating temperature :  $-20^{\circ}\text{C}$  to  $60^{\circ}\text{C}$

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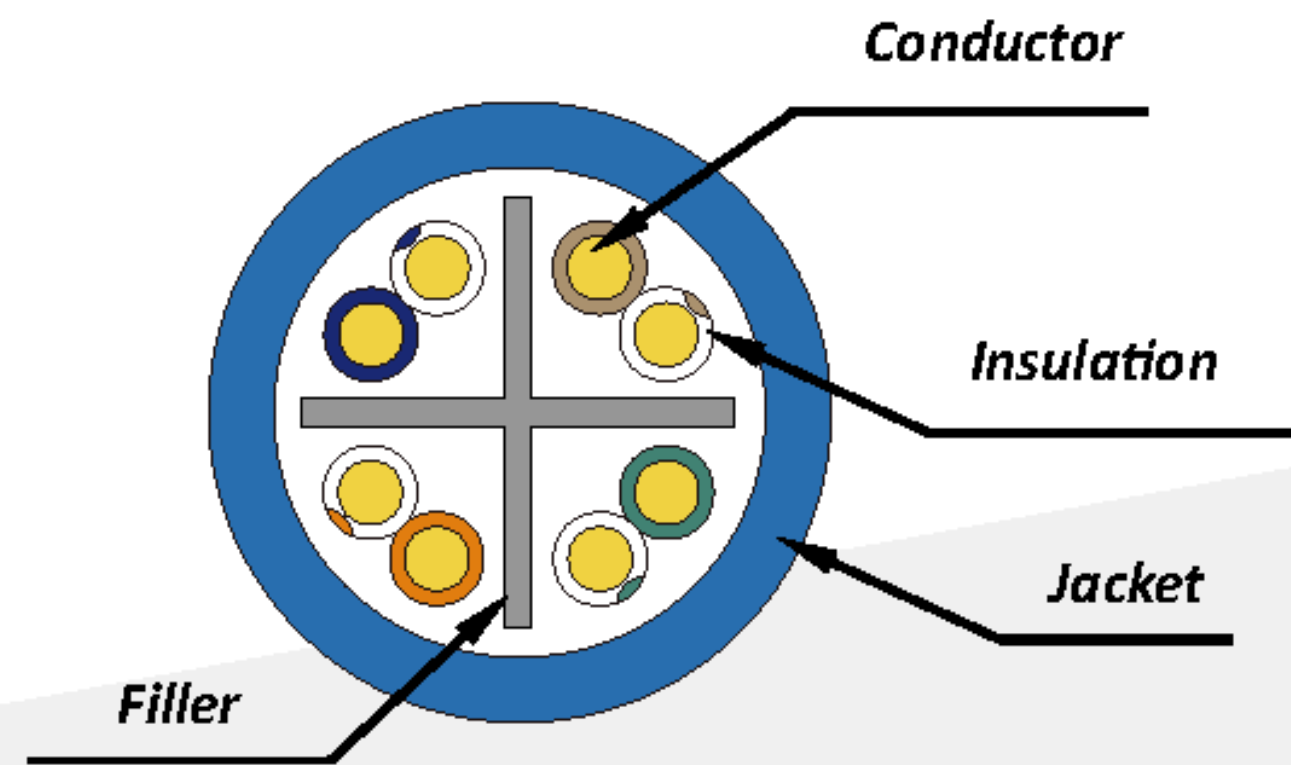
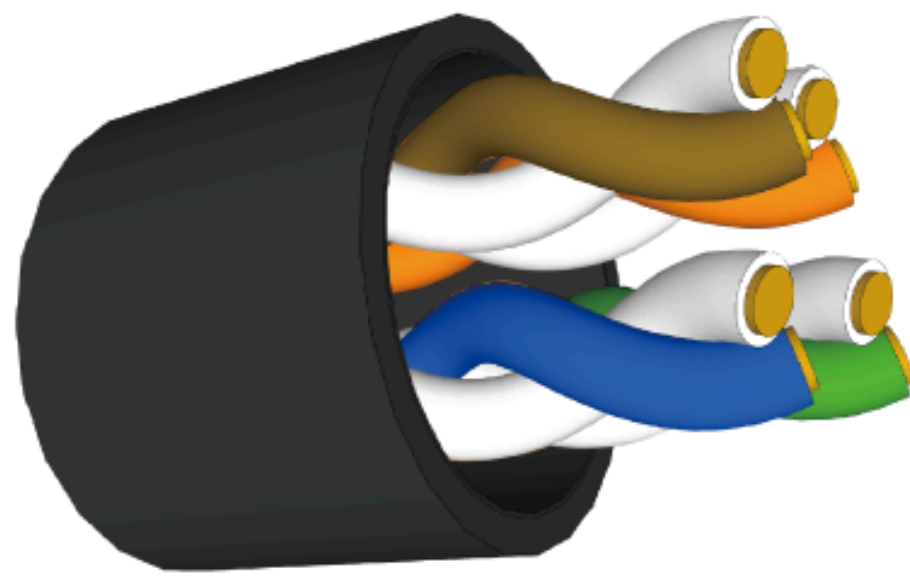


**CAT.6 23AWG U/UTP Cable**

SOLID CMX OUTDOOR SOLIDCABLE

FC-09-00047-BK

International : IEC 61156-5 (Edit 2.1)



### ■ Features

- High performance of transmission.
- High quality of safety property.
- Sweep frequency up to 350 MHz.

### ■ Description

- 1. CONDUCTOR Size :
  - 1-1. Type : Solid bare copper
- 2. INSULATION :
  - 2-1. Type : Polyolefin (PO)
  - 2-2. Diameter :  $0.85 \pm 0.02 \text{mm}$  ;  
 $0.83 \pm 0.02 \text{mm}$
- 3. JACKET TYPE : Polyethylene (PE)
  - 3-1. Overall Diameter :  $4.9 \pm 0.02 \text{mm}$
  - 3-2. Thickness :  $0.50 \pm 0.05 \text{mm}$

### ■ General

- Cold bend test :  $-20^{\circ}\text{C}$  for 4hr
- Dielectric strength : 1.5 KV AC for 2S
- Min bending radius :  $\geq 4$  times of overall diameter
- Max pulling tension :  $\leq 110 \text{ N}$
- Installation temperature :  $0^{\circ}\text{C}$  to  $60^{\circ}\text{C}$
- Operating temperature :  $-20^{\circ}\text{C}$  to  $60^{\circ}\text{C}$

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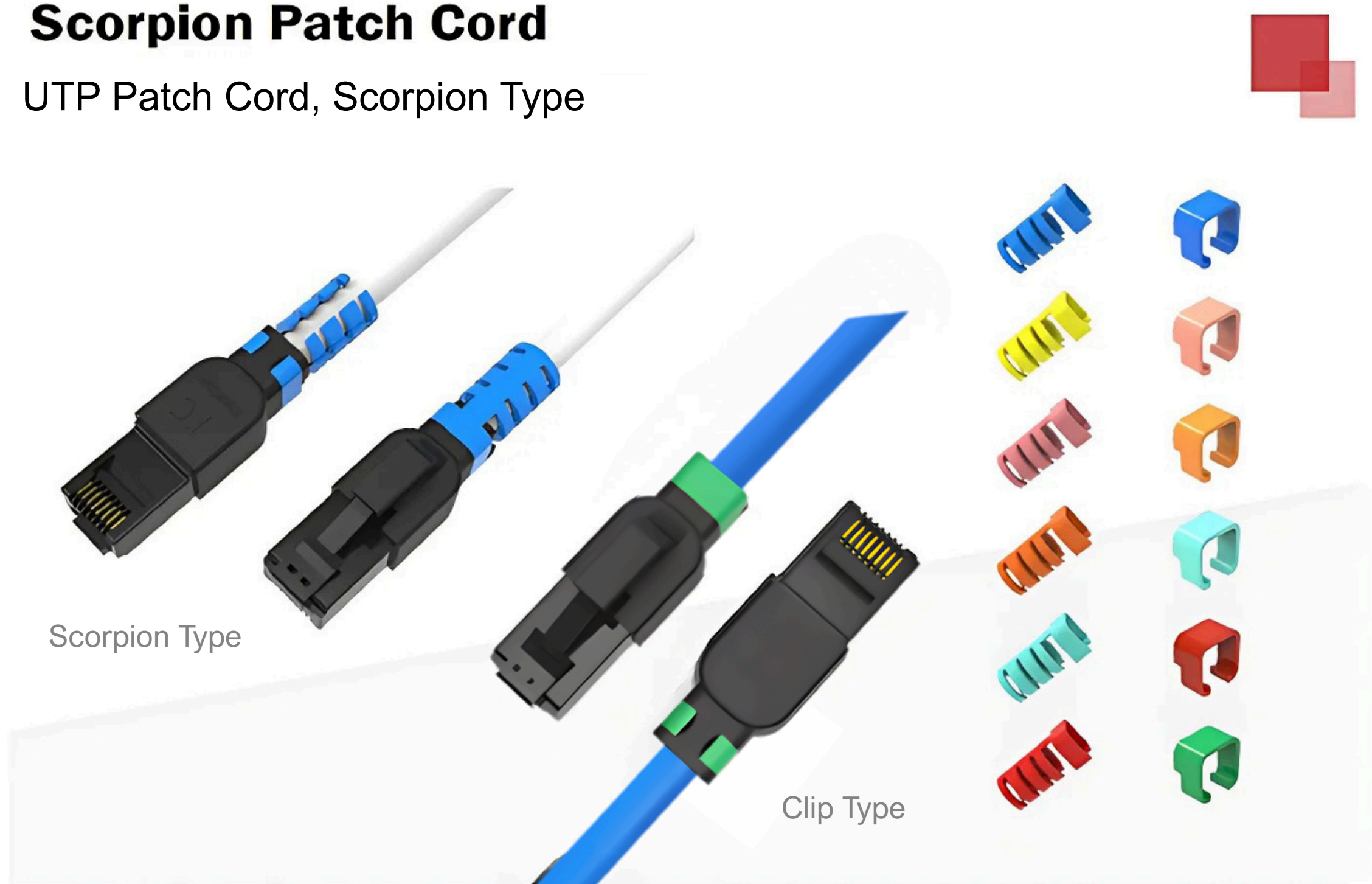
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## Scorpion Patch Cord

UTP Patch Cord, Scorpion Type



Product Description	P/N
Cat6 U/ UTP 24 AWG PVC Patch Cord, 0.15m, Scorpion Type, Blue	FC-12-00053-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 0.2m, Scorpion Type, Blue	FC-12-00054-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 0.3m, Scorpion Type, Blue	FC-12-00055-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 0.5m, Scorpion Type, Blue	FC-12-00056-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 1m, Scorpion Type, Blue	FC-12-00057-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 2m, Scorpion Type, Blue	FC-12-00058-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 3m, Scorpion Type, Blue	FC-12-00059-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 5m, Scorpion Type, Blue	FC-12-00060-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 7m, Scorpion Type, Blue	FC-12-00061-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 10m, Scorpion Type, Blue	FC-12-00062-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 15m, Scorpion Type, Blue	FC-12-00063-BLSCB
Cat6 U/ UTP 24 AWG PVC Patch Cord, 20m, Scorpion Type, Blue	FC-12-00064-BLSCB

### Features

- Clips boot allows users to identify cable easily.
- 7 Color Clip available
- RJ 45 Gold Plated 50U" for 750 mating cycles.
- Bare Copper
- UL Certified

### General

- ISO/IEC 11801:2011
- ANSI/TIA-568.2-D
- EN50173-1:2011
- EN50173:2007 including amendment A1:2010

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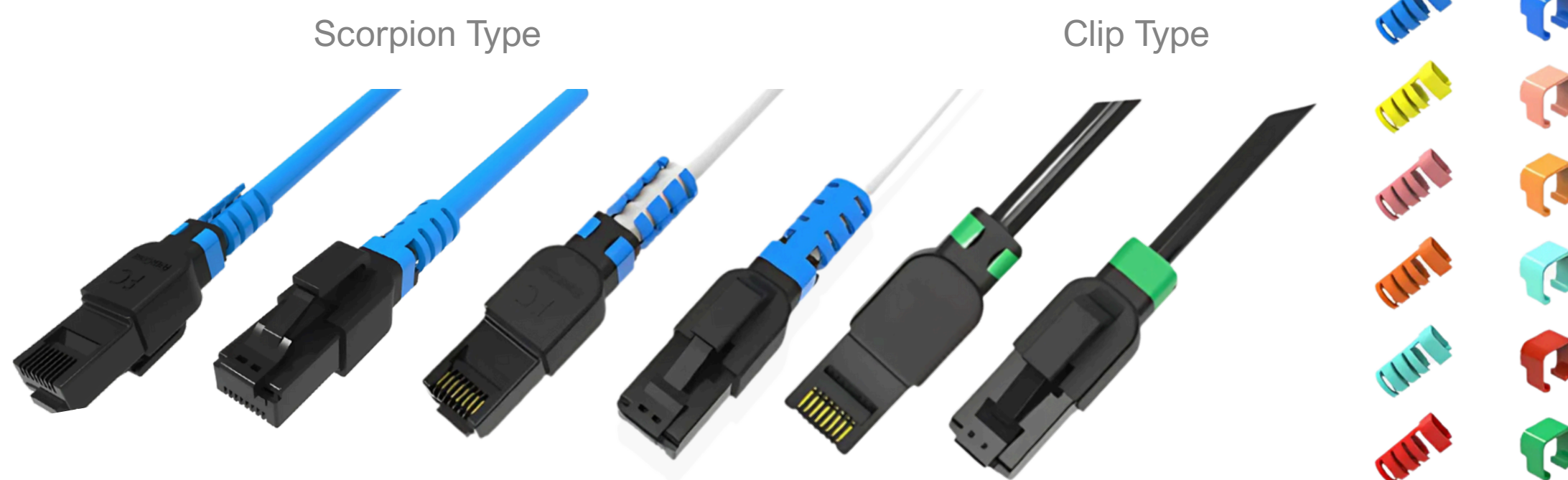
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# Cat.6 U/UTP 28AWG PVC Patch Cord

Standard Compliance: ISO/IEC 11801|ANSI/TIA-568.2-D|ANSI/TIA-1096-A|EN50173-1|UL444 comply|RoHS & REACH|4PPoE



Product Description	P/N
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 0.15m, Scorpion Type, Blue	FC-12-00053S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 0.2m, Scorpion Type, Blue	FC-12-00054S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 0.3m, Scorpion Type, Blue	FC-12-00055S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 0.5m, Scorpion Type, Blue	FC-12-00056S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 1m, Scorpion Type, Blue	FC-12-00057S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 2m, Scorpion Type, Blue	FC-12-00058S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 3m, Scorpion Type, Blue	FC-12-00059S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 5m, Scorpion Type, Blue	FC-12-00060S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 7m, Scorpion Type, Blue	FC-12-00061S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 10m, Scorpion Type, Blue	FC-12-00062S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 15m, Scorpion Type, Blue	FC-12-00063S-BLSCB
Cat6 U/UTP 28 AWG Slim PVC Patch Cord, 20m, Scorpion Type, Blue	FC-12-00064S-BLSCB

## Features

- Constructed to exceed industry standards, 250MHz Cat6 standard
- Colorful clips allow users to identify cable easily
- Save the colorful cable stock for cable management
- Designed for data center, office and industrial area
- Suitable for PoE++ (IEEE802.3bt) applications including VOIP phones and security systems

## Electrical Characteristics

- Current Rating: 1.5 A
- Insulation Resistance: 100 MΩ min
- Contact Resistance: 20 mΩ max
- Dielectric Strength: 500 VAC (rms)
- Voltage: 56.5 VDC max

## Mechanical Characteristics

- Insertion Life: 750 mating cycles
- Installation Temperature: 0 ~ +50°C
- Operation & Storage Temperature: -20 ~ +60°C
- Cable to Plug Tensile Strength: 20pound (min)
- Pulling Force: 10N (max)



## American Standard Style Faceplate

Standard Faceplate



Product Description	P/N
Faceplate, Standard, 114*70*6mm, 1port	FC-06-000031
Faceplate, Standard, 114*70*6mm, 2port	FC-06-000032
Faceplate, Standard, 114*70*6mm, 4port	FC-06-000033

### Features

- Easy snap-in installation make networking organization easy
- Fit with standard network keystone jacks and audio/video keystone Jacks
- Used for desktop or wall for different application in office
- Made from high-impact durable ABS plastic

### General

- Operating temperature range : -10°C TO 60°C
- Storage temperature range : -40°C TO 68°C
- Humidity : 10%~90% RH

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## American Shuttered Style Faceplate

Shuttered Faceplate



Product Description	P/N
Faceplate, Shuttered, 114*70*6mm, 1port	FC-06-000035
Faceplate, Shuttered, 114*70*6mm, 2port	FC-06-000036
Faceplate, Shuttered, 114*70*6mm, 4 port	FC-06-000037

### Features

- Easy-to-install design.
- Humidity Range : 10 %~90 % RH
- Storage : -40 °C to 68 °C
- Operating : -10 °C to 60 °C

### Material

- Spring: SUS304
- Faceplate Housing: ABS, UL94V-0

Want to know more about FiberCore?

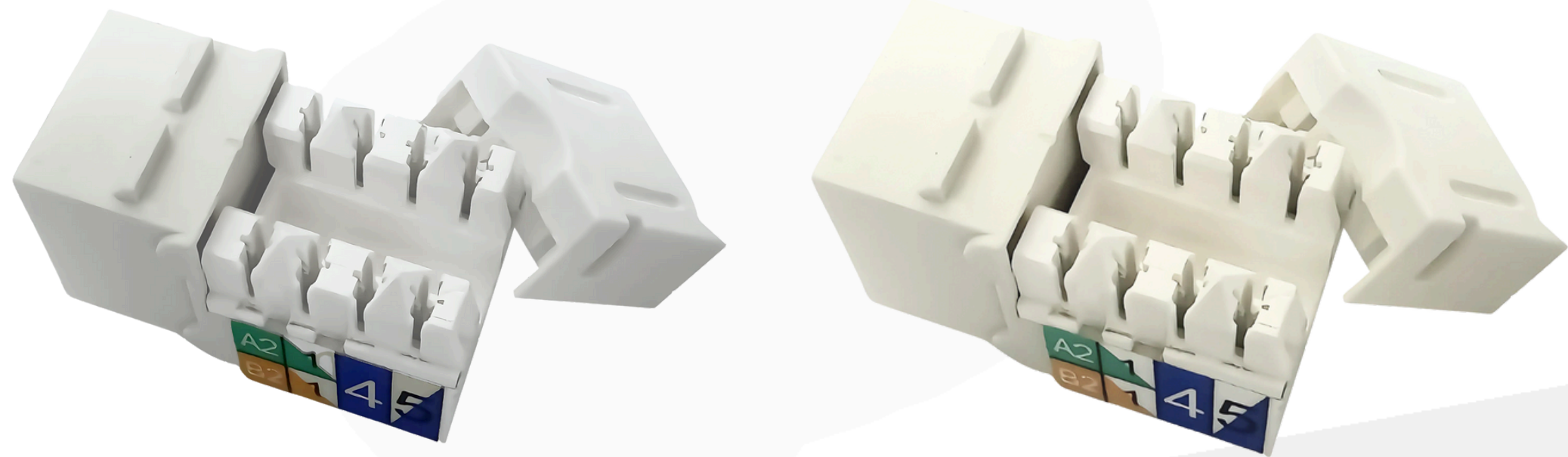
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## UTP 90° Keystone Jack

110 punch down type , white / light almond color



Product Description	P/N
CAT.6 UTP 90°, 110 punch down type, white color	FC-10-00052-WH
CAT.6 UTP 90°, 110 punch down type, light almond color	FC-10-00053-LA

### Features

- Compatible with T568A and T568B wiring schemes
- Compatible with 48-port applications in 1U
- Easily snap in and out of patch panel, and surge boxes or other application

### Material

- Keystone jack housing : ABS, UL94V-0
- Contact holder : ABS, UL94V-0
- Jack contacts : Phosphor Bronze, 50U" Gold Plated
- IDC plastic : PC, UL94V-0
- IDC terminals : Phosphor Bronze, Tin Over Nickel Undercoat

### General

- Operating temperature range : -10°C to 60°C
- Suitable impact tool : 110/Krone Style Punch Down Tool
- Insertion life : 750 Mating Cycles with FCC Compliant RJ45 plug
- Contact force : 100 Grams with FCC Compliant RJ45 Plug Plug
- retention force : 11 LBF MIN
- Durability : 200 Termination Cycles
- Contact compatibility : Accommodates 22 To 24 AWG solid wire

Want to know more about FiberCore?

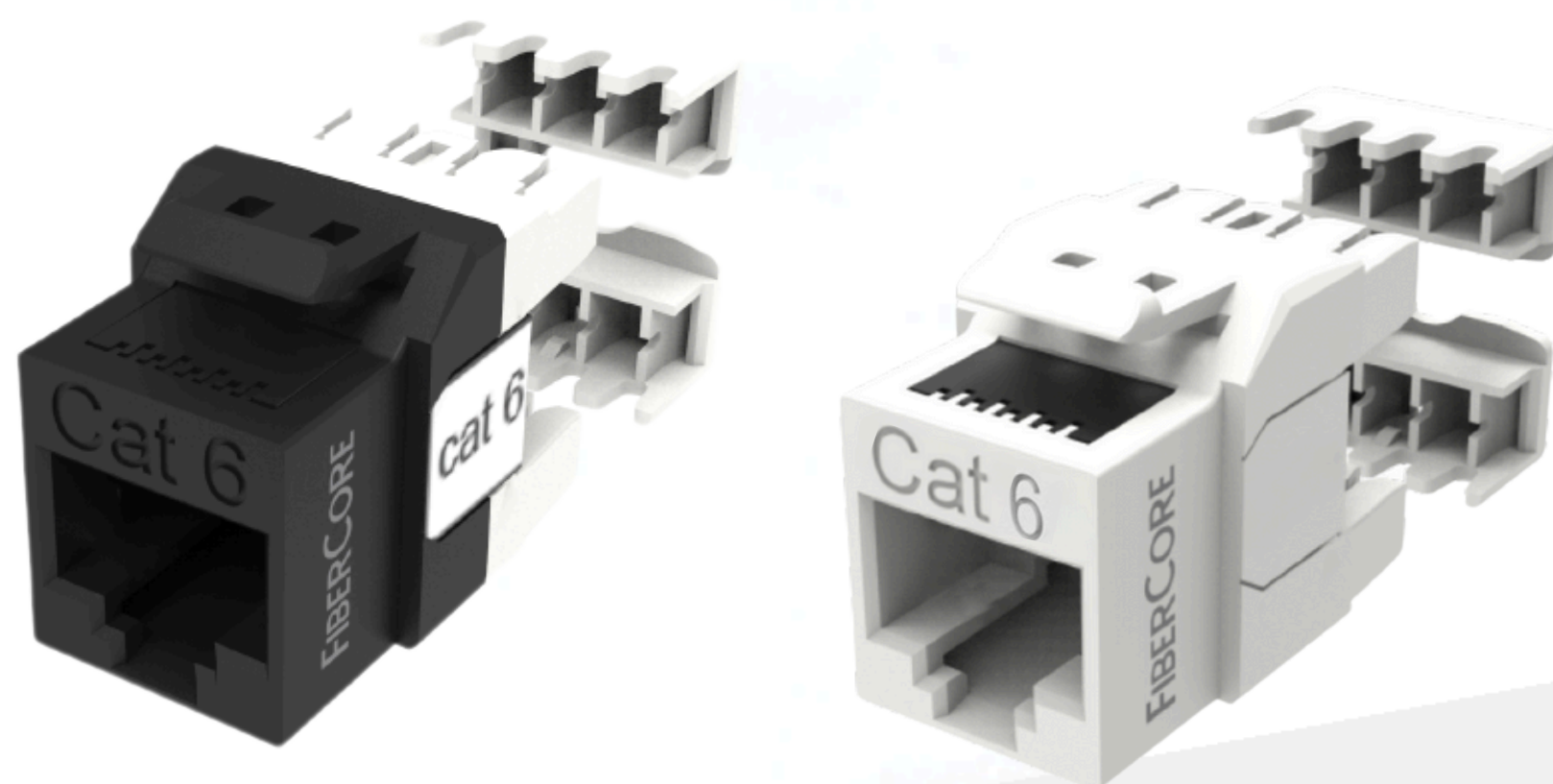
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## UTP 180° Keystone Jack

110/krone punch down, black/ white color



Product Description	P/N
CAT.6 UTP 180° 110/Krone punch down type, Black color	FC-10-00050-BK
CAT.6 UTP 180° keystone jack, 110/Krone punch down type, White color	FC-10-00051-WH

### ■ Features

- Compatible with T568A and T568B wiring schemes
- Compatible with 48-port applications in 1U
- Easily snap in and out of patch panel, and surge boxes or other application

### ■ Material

- Keystone jack housing : ABS, UL94V-0
- Contact holder : ABS, UL94V-0
- Jack contacts : Phosphor Bronze, 50U" Gold Plated
- IDC plastic : PC, UL94V-0
- IDC terminals : Phosphor Bronze, Tin Over Nickel Undercoat

### ■ General

- Operating temperature range : -10°C to 60°C
- Suitable impact tool : 110/Krone Style Punch Down Tool
- Insertion life : 750 Mating Cycles with FCC Compliant RJ45 plug
- Contact force : 100 Grams with FCC Compliant RJ45 Plug Plug
- retention force : 11 LBF MIN
- Durability : 200 Termination Cycles
- Contact compatibility : Accommodates 22 To 24 AWG solid wire

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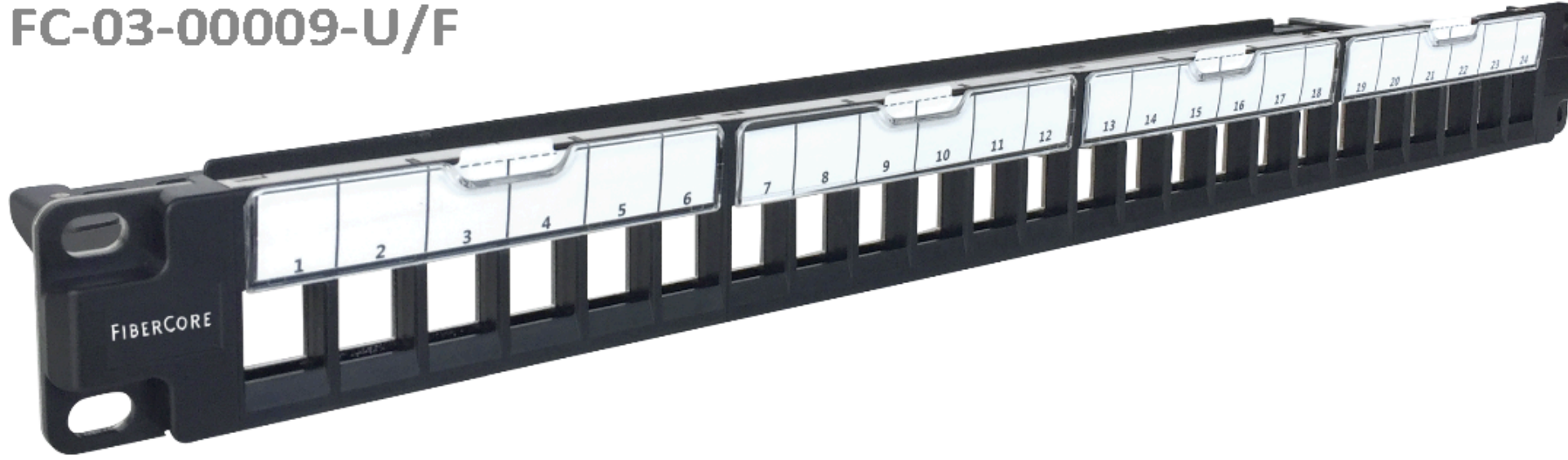
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## Keystone Panel

1U 24PORT, FTP/UTP DUAL EMPTY PANEL,WITH SUPPORT BAR

FC-03-00009-U/F



### Features

- Provide more flexibilities for customize installation
- Used for both UTP&STP
- High density SPCC material, effectively guarantee the mechanical strength
- Oversize labeling window for easy identification

### Material

- Panel : SPCC
- Wire management : SPCC
- Plastic part : ABS UL94V-0

### General

- Operating temperature range : -10°C to 60°C
- Storage temperature range : -40°C to 68°C
- Humidity : 10% ~ 90% RH

2U 48 port FTP/UTP dual empty panel, shielded type, with support bar

FC-03-00010-U/F



### Features

- Style, reducing the demand for horizontal cable management.
- The ethernet cable jack panel use user-friendly blank labels can reduces installation time.
- The rear cable management keeps cable neat and efficient.
- 1U keystone patch panel is economical and flexible.

### General

- Operating temperature range : -10°C to 60°C
- Storage temperature range : -40°C to 68°C
- Humidity : 10% ~ 90% RH

### Material

- Panel : SPCC
- Wire management : SPCC
- Plastic part : ABS UL94V-0

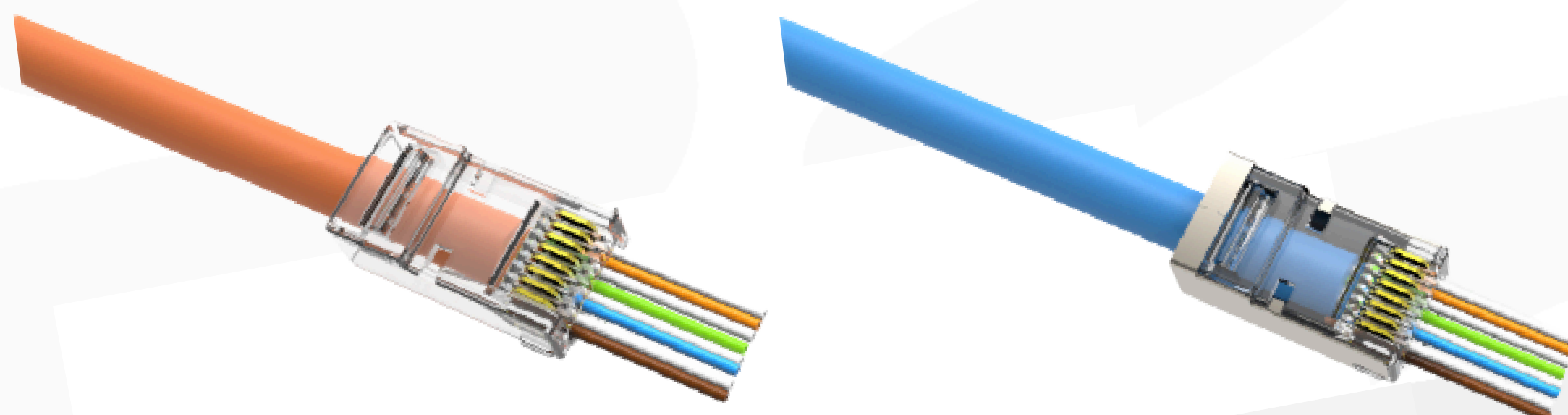
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## CAT.6 Easy RJ45



Product Description	P/N
CAT.6 UTP Easy RJ45, 94-V2	FC-14-00081
CAT.6 STP Easy RJ45, 94-V2	FC-014-00082

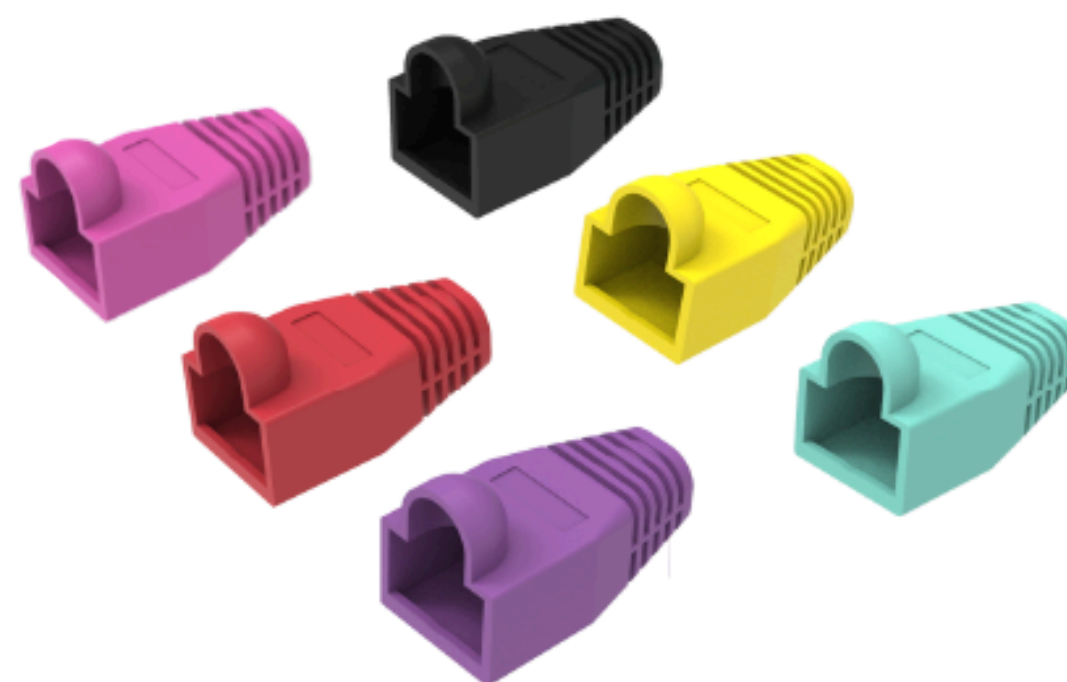
### Features

- Pass Through Design: Can assemble easily and performance better than normal connector
- Wire Dimension: 1.1mm can fit insulation 0.98 ~ 1.05mm
- Terminal with Patent Design: Fit both Stranded and Solid wire
- Gold Plating: 50μ" with test report by X-RAY machine.
- Crystal RJ45 connector compliance with FCC Standard.

## Snagless Plug Boots

PVC Material, 100PCS/CANDYCAN

Product Description	P/N
BOOT, RED , OD6.5MM	FC-15-00083-R
BOOT, Violet , OD6.5MM	FC-15-00084-V
BOOT, BLACK , OD6.5MM	FC-15-00085-B
BOOT, YELLOW , OD6.5MM	FC-15-00086-Y
BOOT, PINK , OD6.5MM	FC-15-00087-P
BOOT, GRAY , OD6.5MM	FC-15-00088-G



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## Flat Cable Management

1U Flat Cable Management, 5 HANGERS - BLACK  
FC-16-00089



### Features

- 1U 19" cable management use inside of cabinets
- Rotatable cable ring support horizontal and vertical organizations
- Organize cable through both right and left side

### General

- Operating Temperature Range : -10°C To 60°C
- Storage Temperature Range : -40°C To 68°C
- Humidity : 10% ~ 90% RH

### Material

- Panel : SPCC Black Powder Painting Coat Finish

1U Cable Management, 12 SLOTS, BLACK  
FC-16-00090



### Features

- Optimize cabling management
- Allows a front to rear cabling thought the middle opening design
- Keep patch panels and switches neat and professional

### General

- Humidity : 10% ~ 90% RH

### Material

- Panel / Middle-sheet :  
Aluminum, 6mm thickness

## Toolless mounting metal blank panel



Product Description	P/N
Toolless mounting metal blank panel, 1U	FC-17-00091
Toolless mounting metal blank panel, 2U	FC-17-00092
Toolless mounting metal blank panel, 3U	FC-17-00093

### Features

- Toolless snap into design for easy installation
- Fit standard 19" cabinet

### Material

- Panel : SPCC

### General

- Operating Temperature Range : -10°C To 60°C
- Storage Temperature Range : -40°C To 68°C
- Humidity : 10% ~ 90% RH

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### Easy Crimping Tool

Easy crimping tool for RJ45

FC-18-00093



1PC/BOX

### Keystone Jack Termination Tool

Termination tool, for 90°UTP, Punch Down Keystone Jack

FC-18-00094



1PC/BOX

### Keystone Jack Termination Tool

Termination tool, for 180°UTP, Punch Down Keystone Jack

FC-18-00095



1PC/BOX

### Punch Down Tool

Punch tool, with cutter

FC-18-00096



1PC/BOX

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**Easy Punch Down Tool**

Easy crimping tool for RJ45

FC-18-00097



1PC/BOX

**Cable Stripper**

Cable stripper, with cutter

FC-18-00098



1PC/BOX

**Dust Cover for Keystone Jack**

Dust cover for keystone jack, white color

FC-18-00099



**Blank Snap-in module**

FC-18-00100



**Network Cable Organizer**

Cable Organizer -Black Color

FC-18-00101



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