



## COPPER CONNECTIVITY PRODUCT



Upcom optical cable assemblies provide the vital connectivity links and patching for your network. Our in-house designed and specified assemblies provide 1 to 288 fibres featuring IEC compliant components and a choice of performance levels to suit your network needs.



## Modular Plugs & Boots



### CAT 5e UTP RJ45

#### DESCRIPTION

Cat5e 8P8C RJ45 male connector is mainly used for twisted pair network cable applications, following FCC standard. When terminating Cat5e male connector, there are two wire schemes to follow: T568A or T568B pin / pair assignment as per ANSI/TIA-568-C.2 standard. Our plugs are compliant with PoE Plus application and certified by REACH and RoHS.

#### FEATURES

- RoHS compliant.
- Meet reliability test based on IEC 60603-7.

#### ELECTRICAL FEATURES

- UL Applications: 250 Volts  $A_{cmax}$ , AT 2 Amps.
- Dielectric Withstanding Voltage: 500 Volts AC.
- Insulation Resistance: 100 M $\Omega$ .
- Termination: Resistance 20m $\Omega$  Max After
- Environmental Testing.



## CAT 5e FTP RJ45

### DESCRIPTION

Cat5e FTP 8p8c Modular Plug RJ45 Connector

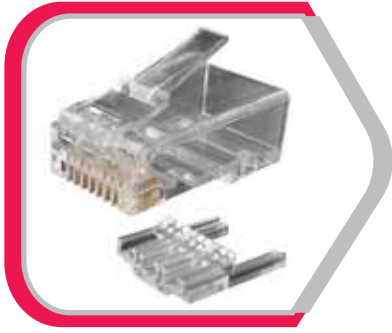
The Cat5e plugs are commonly used in computer networking and other telephone applications. They are fit to both solid or stranded cables. The plug housing 94V2 or 94V0 is optional. All our modular plugs follow FCC standard. When terminating the Cat. 5e RJ45 connector, follow the T568A or T568B pin / pair assignment as per ANSI / TIA-568-C.2 standard.

### FEATURES

- RoHS compliant.
- Follow FCC Part 68 standard; meet reliability test based on IEC 60603-7.

### ELECTRICAL FEATURES

- UL Applications: 250 Volts A<sub>max</sub>., AT 2 Amps.
- Dielectric Withstanding Voltage: 500 Volts AC.
- Insulation Resistance: 100 MΩ.
- Termination: Resistance 20mΩ Max After
- Environmental Testing.



## CAT 6 UTP RJ45

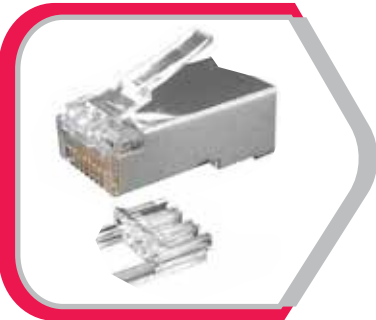
### DESCRIPTION

Cat6 UTP 8P8C Modular Plug RJ45 Connector

Cat6 8P8C RJ45 male connector is mainly used for twisted pair network cable applications, following FCC standard. When terminating Cat6 RJ45 connector, we use the T568A or T568B pin / pair assignment as per ANSI / TIA-568-C.2 standard. Our plugs are compliant with PoE Plus application and certified by REACH and RoHS.

### ELECTRICAL FEATURES

- UL Applications: 250 Volts Acmax., AT 2 Amps.
- Dielectric Withstanding Voltage: 500 Volts AC.
- Insulation Resistance: 100 MΩ.
- Termination: Resistance 20mΩ Max After
- Environmental Testing.



## CAT 6 FTP RJ45

### DESCRIPTION

Cat6 Shielded 8P8C Modular Plug RJ45 Connector

CAT6 STP RJ45 connectors are fit to both stranded and solid wire. The smart wire position 6up / 2down design bring superior performance when assembly with cat6 shielded cables. All Cat6 plugs we provide 3 to 50U" gold plating thickness. The plugs are commonly used in computer networking and other telephone applications.



# Modular Plugs & Boots



# Lan Cable Testers

-CT-005



**Lan cable tester**

- Testing RJ11/12/RJ45 cable
- Testing open, short, cross circuit and cable assignment
- Individual LED to show the defective core
- Each individual core is automatically scanned
- Low/high scan speed adjustable

UP-CT-006



**Lan cable tester**

- Testing RJ11/12/RJ45 and coaxial cable
- Testing open, short, cross circuit and cable assignment
- Individual LED for PIN1-8 and ground offered
- Each individual core is automatically scanned
- Low/high scan speed adjustable

UP-CT-007



**Lan cable tester**

- Testing RJ11/12/RJ45 and coaxial cable
- Testing open, short, cross circuit and cable assignment
- Individual LED to show the defective core
- Each individual core is automatically scanned
- Automatic and manual control options

UP-CT-009



**5 in 1 Cable tester**

- For testing network and modular cable with RJ11/15,BNC,USB connector
- Open/Short wiring test
- Connected wires display
- No wire or termination indication
- Wrong connection or Non-parallel connection display
- Ethernet 10BASE-T/10BASE-S termination value detection

UP-CT-010



**5 in 1 Cable tester**

- For testing network and modular cable with RJ11/15,BNC,USB, IEEE1394 connector
- Open/Short wiring test
- No wire or termination indication
- Wrong connection or Non-parallel connection display
- Ethernet 10BASE-T/10BASE-S termination value detection

UP-CT-014



**Lan cable tester**

- Testing open circuit, short circuit, jumper wire or cross-talk interference for CAT5E, CAT6, coaxial and telephone cable
- Measuring cable length and locating the position of open circuit and short circuit
- Dynamically calibrates cable length to makes length measurement as accurate as 95%
- Simply and easily using, big screen to display testing results
- Portable unit with long battery life (30 hours)
- Automatically time-delay shut off
- Self-checking function and automatically compensates any change in battery capacity or ambient temperature

UP-CT-015



**Lan cable tester**

- Testing open circuit, short circuit, jumper wire or cross-talk interference for CAT5E, CAT6, coaxial and telephone cable
- Measuring cable length and locating the position of open circuit and short circuit
- Dynamically calibrates cable length to makes length measurement as accurate as 95%

UP-CT-018



**Lan cable tester**

- Testing open circuit, short circuit, jumper wire or cross-talk interference for CAT5E, CAT6, coaxial and telephone cable
- Simply and easily using, big screen to display testing results
- Portable unit with long battery life (30 hours)
- Automatically time-delay shut off
- Self-checking function and automatically compensates any change in battery capacity or ambient temperature

UP-CT-019



**Wire tracker**

- Line DC detecting anode and cathode determinant
- Open, short and cross testing for RJ45, RJ11 cable
- Easily tracking the correspondent cable
- Earphone offered can be used to prevent interference from the outside
- Easily work as usual while putting on the light switch in the dark environment

UP-CT-020



**Wire tracker**

- Line DC detecting anode and cathode determinant
- Open, short and cross testing for RJ45, RJ11 cable
- Easily tracking the correspondent cable
- Earphone offered can be used to prevent interference from the outside
- Easily work as usual while putting on the light switch in the dark environment

UP-CT-021



**Wire tracker**

- Line DC detecting anode and cathode determinant
- Testing open, short and cross for RJ45, RJ11 cable easily tracking the correspondent cable
- Earphone offered can be used to prevent interference from the outside
- Easily work as usual while putting on the light switch in the dark environment

UP-CT-022




**HDMI cable tester**

- Testing HDMI cable
- Testing open, short, cross circuit and cable assignment
- Each individual core is automatically scanned
- Individual LED to show the defective core
- Automatic and manual control options

# Keystone Jack

UP-KJ5-05 | UP-KJ6-02




UP-KJ5-05 **UTP Cat.5e keystone jack**

- 110 IDC type,90 Degree
- With dust cover

UP-KJ6-02 **UTP Cat.6 keystone jack**

- 110 IDC type,90 Degree
- With dust cover

UP-KJ5-01 | UP-KJ6-25



UP-KJ5-01 **UTP Cat.5e keystone jack**

- 110 IDC type, 90 degree

UP-KJ6-025 **UTP Cat.6 keystone jack**

- 110 IDC type, 90 degree

UP-KJ5-06-C5E | UP-KJ6-06-C6  
UP-KJ6A-06-C6A



UP-KJ5-06-C5E **UTP CAT5e keystone jack**

UP-KJ6-06-C6 **UTP CAT6 keystone jack**

UP-KJ6A-06-C6A **UTP CAT6a keystone jack**

UP-KJ5-04 | UP-KJ6-01



UP-KJ5-04 **UTP Cat.5e keystone jack**

- Dual IDC type, 90 degree

UP-KJ6-01 **UTP Cat.6 keystone jack**

- Dual IDC type, 90 degree

UP-KJ5-16 | UP-KJ6-10




UP-KJ5-16 **UTP Cat.5e keystone jack**

- Toolless type, 90 Degree

UP-KJ6-10 **UTP Cat.6 keystone jack**

- Toolless type, 90 Degree

UP-KJ5-06 | UP-KJ6-05



UP-KJ5-06 **UTP Cat.5e keystone jack**

- Dual IDC type,180 degree
- With dust cover

UP-KJ6-05 **UTP Cat.6 keystone jack**

- Dual IDC type,180 degree
- With dust cover

UP-KJ5-32 | UP-KJ6-14



UP-KJ5-32 **STP Cat.5e keystone jack**

- Dual IDC type,180 degree

UP-KJ6-14 **STP Cat.6 keystone jack**

- Dual IDC type,180 degree

UP-KJ5-31 | UP-KJ6-11




UP-KJ5-31 **STP Cat.5e keystone jack**

- Dual IDC type, 90 degree

UP-KJ5-11 **STP Cat.6 keystone jack**

- Dual IDC type, 90 degree

UP-KJ5-01 | UP-KJ6-25



UP-KJ5-01 **UTP Cat.5e keystone jack**


- Dual IDC type, 90 degree
- With dust cover

UP-KJ5-25 **UTP Cat.6 keystone jack**

- Dual IDC type, 90 degree
- With dust cover

# Keystone Jack

UP-KJ5-51 | UP-KJ6-04 | UP-KJ6A-04



UP-KJ5-51 <b>UTP Cat.5e keystone jack</b> • Toolless type,180 Degree.	UP-KJ6-04 <b>UTP Cat.6 keystone jack</b> • Toolless type,180 Degree	UP-KJ6-04 <b>UTP Cat.6A keystone jack</b> • Toolless type,180 Degree
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UP-KJ6S-04 | UP-KJ6AS-04



UP-KJ6S-04 <b>STP Cat.6 keystone jack.</b> • Toolless type,180 Degree	UP-KJ6AS-04 <b>STP Cat.6A keystone jack.</b> • Toolless type,180 Degree
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UP-KJ5-50 | UP-KJ6-50 | UP-KJ6A-02



UP-KJ5-50 <b>UTP Cat.5e keystone jack</b> • Toolless type,180 degree	UP-KJ6-50 <b>UTP Cat.6 keystone jack</b> • Toolless type,180 degree	UP-KJ6A-02 <b>UTP Cat.6A keystone jack</b> • Toolless type,180 Degree
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UP-KJ5-43 | UP-KJ6-16 | UP-KJ6A-01

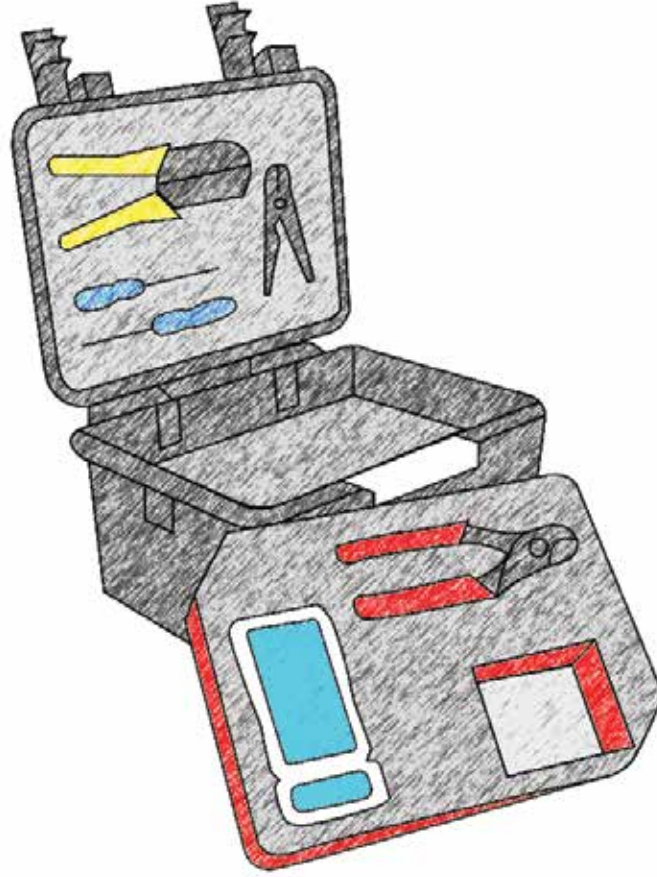


UP-KJ5-43 <b>STP Cat.5E keystone jack</b> • Toolless type • Dual IDC type,180 degree	UP-KJ6-16 <b>STP Cat.6 keystone jack</b> • Toolless type • Dual IDC type,180 degree	UP-KJ6A-01 <b>STP Cat.6A keystone jack</b> • Toolless type • Dual IDC type,180 degree
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## Copper Installers Tool Kit



The full range of Copper Installers Tool Kit and technical specifications may be seen on our website.

# Crimping Tools

UP- T210N



**Crimping Tool**

- For crimping 8P8C/RJ45 modular plug
- For stripping round cable
- For cutting cable

UP- T568B



**Crimping Tool**

- Option 1: 8P+6P
- Option 2: 6P+4P
- For cutting the cable
- With ratchet

UP-T5684R



**Crimping Tool**

- For crimping 8P/6P/4P modular plug
- For cutting the cable
- With double color handle
- With ratchet

UP-T2180



**Crimping Tool**

- Option 1: 8P+6P
- Option 2: 6P+4P
- For cutting the cable
- With double color handle

UP-TH510B



**Crimping Tool**

- For crimping F, BNC, RCA, right angled and keystone module compression connectors
- With adjustment for crimping different length of connectors
- With double color handle • With ratchet

UP-T106



**Crimping Tool**

- For crimping cable of RG6,11,58,59,62,213
- For crimping ST,SC connector

# Stripping Tools

UP-T1660



**Cable stripping tool**

- For stripping round cable from 4.5-10mm
- With lock

UP-T501A



**Cutter & Stripper**

- For cutting or stripping UTP/STP or flat cable from 3.2 mm-9 mm

UP-T332



**Coaxial Cable Stripper**

- For stripping RG58/59/62/6/6QS/3C/4C/5C
- With 2 Blades

UP-T302A



**Coaxial Cable Stripper**

- For stripping RG59/62/6/4C/5C
- With 2 blades

UP-T312B



**Coaxial Stripper**

- For stripping RG58/59/62/3C/4C
- With 3 blades

UP-T2022



**Punch Down Tool**

- With 110 blade
- With adjustable knob for fitting different pressure

# Punch Down Tools

UP-T3141N



**Punch Down Tool**

- With 110 blade
- With adjustable knob for fitting different pressure

UP-T2023



**Punch Down Tool**

- With adjustable impact pressure control
- Blades are interchangeable and reversible

UP-T2024



**Punch Down Tool**

- With 110 blade

UP-T2020B



**Punch Down Tool**

- For impact krone modules
- With lock

UP-T2020



**Punch Down Tool**

- For impact krone modules
- With lock

UP-T2021



**Punch Down Tool**

- For impact krone modules
- With hook



## PATCH PANELS



### Cat3 25 Port Voice Panel Krone Type

#### DESCRIPTION

The 1U voice patch panel is for use with multi-pair voice cables. Features a smooth sliding mechanism that significantly improves the ease of installation. The Patch Panel is 19" rack mounted, available in 25 and 50 ports. All ports are numbered and is suitable for voice applications.

#### FEATURES

- Designed to fit all standard 19" racks and cabinets.
- 90 degree Krone Type.
- Contact Gold Plating 3-50U".

#### SPECIFICATION

- Insulation Resistance: 500 MΩ.
- Dielectric Withstanding Voltage: 1000 V AC.
- DC Current Rating: 1.5 Amps.
- DC Resistance: 0.1Ω.
- Contact Resistance: 20mΩ.
  
- Insertion Life: 750 Mating Cycles With FCC Compliant RJ-45 Plug.
- Contact Force: 100 Grams With FCC Compliant RJ-45 Plug.
- Plug Retention Force: 11 LBF MIN.
- Durability: 200 Termination Cycles.
- Contact Compatibility: Accommodates 26 to 28 AWG.
- Operating Temperature Range: -10°C To 60°C.
- Storage Temperature Range: -40°C To 68°C.
- Humidity: 10% ~ 90% RH.



## PATCH PANELS



### Cat3 25 Port Voice Panel Toolless Type

#### DESCRIPTION

The 1U voice patch panel is for use with multi-pair voice cables. Features a smooth sliding mechanism that significantly improves the ease of installation. The Voice Patch Panel is 19" rack mounted, available in 25 and 50 ports. All ports are numbered and is suitable for voice applications.

#### FEATURES

- Designed to fit all standard 19" racks and cabinets.
- 180 degree Toolless Type.
- UL Certified & RoHS Compliant.
- Contact Gold Plating 3-50U".

#### SPECIFICATION

- Insulation Resistance: 500 M $\Omega$ .
- Dielectric Withstanding Voltage: 1000 V AC.
- DC Current Rating: 1.5 Amps.
- DC Resistance: 0.1 $\Omega$ .
- Contact Resistance: 20m $\Omega$ .
  
- Insertion Life: 750 Mating Cycles With RJ-45 Plug.
- Contact Force: 100 Grams With RJ-45 Plug.
- Plug Retention Force: 11 LBF MIN.
- Durability: 200 Termination Cycles.
- Contact Compatibility: Accommodates 26 to 28 AWG.
- Operating Temperature Range: -10°C To 60°C.
- Storage Temperature Range: -40°C To 68°C.
- Humidity: 10% ~ 90% RH.



## PATCH PANELS



### Cat3 25 Port Voice Panel Toolless Type

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#### FEATURES

- Designed to fit all standard 19" racks and cabinets.
- 180 degree Toolless Type.
- UL Certified & RoHS Compliant.
- Contact Gold Plating 3-50U".

#### SPECIFICATION

- Insulation Resistance: 500 MΩ.
- Dielectric Withstanding Voltage: 1000 V AC.
- DC Current Rating: 1.5 Amps.
- DC Resistance: 0.1Ω.
- Contact Resistance: 20mΩ.
  
- Insertion Life: 750 Mating Cycles With RJ-45 Plug.
- Contact Force: 100 Grams With RJ-45 Plug.
- Plug Retention Force: 11 LBF MIN.
- Durability: 200 Termination Cycles.
- Contact Compatibility: Accommodates 26 to 28 AWG.
- Operating Temperature Range: -10°C To 60°C.
- Storage Temperature Range: -40°C To 68°C.
- Humidity: 10% ~ 90% RH.



## PATCH PANELS



### Cat5e UTP Patch Panel 1U 24Port 110 Punch Down Patch Panel With Cable Management Bar

#### DESCRIPTION

Designed for Fast Ethernet applications. Easy to management and conserves data center rack space. Compatible with any brand. Each panel comes with 110-type termination, meeting and exceeding EIA/TIA TSB-40 Cat5e specifications. Color coded for both EIA/TIA 568A & 568B installations. 24 ports ensure a wide range of plug-n-play options. The clear numbering on both the front and back of each panel gives you a quick and easy way to identify cable runs. The high density 19inch panel design will save your valuable space on the 19 rack application.

#### FEATURES

- Cat5e
- Ports clearly numbered both on front and back
- Labels on front enable each port to be named
- Metal frame
- EIA/TIA 2/32 spacing
- 110 IDC (punch down) type termination
- TIA/EIA T568A and T568B wiring options



# PATCH PANELS



CAT 5e 6 & 6A Patch  
Panel UTP FTP STP 1U  
24PORT ANGLED V Shapped  
TOOLESS KEYSTONE JACK WITH  
CABLE MANAGEMENT BAR

## DESCRIPTION

Unloaded/Empty patch panels are ready to snap in by Cat. 5e and cat6 and Cat 6A keystone jacks or couplers. Label and inlaid marks are available for the identification of cabling management. 1U, 24 port. Snap-in structure, easy to install and unload the module. V Shap snap in panel: provide angled for easy handling the cables  
19 inch – 1U

## FEATURES

- Available; UTP, FTP & STP Type
- Providing a high density connectivity.
- Angelled Patch Panels allow the cables to flow into the Vertical Cable Managements, Reducing the demand for horizontal cable management.
- Support Bar.
- 1 Unit Height.
- Clear label reduces installation time..

# PATCH PANELS



CAT6 UTP Patch Panel 1U 4x6  
Toolless Keystone Jack with  
Cable Manager

## DESCRIPTION

Fit for 10Gigabit Applications, for the datacenter and for Server cabinets where the space is at priority. Removable plug and play modular cassettes suitable for both on and off site termination assembly Integral cable management to provide strain relief Compatible with standard 19" racks and cabinets Flexible solution - panel can be deployed in either a conventional installation or the module used as a consolidation point Supplied with panel mounting accessory kit.

## APPLICATION

- Apply to install standard 19" equipment bracket, case and wall mounted tow rack;
- Various information modules provide more choice for cabling system operation;
- Universal sequence-T568A and T568B color sequence labeled on modules clearly;
- The design of other information modules goes beyond expected grade demand;
- Label and embedded icons are convenient to label and manage;
- Single-cord and multi-line pair impact tools are available.

## STANDARDS

- Meet TIA/EIA-568-A and TIA/EIA-568-B Category 5E requirements;
- Meet TIA/EIA TSB-40;
- Meet ISO/IEC Generic Cabling Standard 11801;
- Meet CENELEC Generic Cabling Standard EN50173.

# PATCH PANELS

## CAT6 FTP Patch Panel 1U 4x6, 24port Toolless Keystone With Cable with Management Bar

### DESCRIPTION

Engineered to meet the transmission performance requirements of IEC and TIA for Category 6 systems and also to provide the mechanical and electrical durability, by using high quality material, to produce a convenient patch panel which promise you a consistent high level of systems performance engineered for CLASS E/Category 6 applications.

### APPLICATION

- Apply to install standard 19" equipment bracket, case and wall mounted tow rack.
- Various information modules provide more choice for cabling system operation.
- Universal sequence-T568A and T568B color sequence labeled on modules clearly.
- The design of other information modules goes beyond expected grade demand.
- Label and embedded icons are convenient to label and manage.
- Single-cord and multi-line pair impact tools are available.

### STANDARDS

- TIA/EIA-568-A and TIA/EIA-568-B Category 5E requirements;
- TIA/EIA TSB-40;
- ISO/IEC Generic Cabling Standard 11801;
- CENELEC Generic Cabling Standard EN50173.

### SPECIFICATION

Insulation Resistance: 500 MΩ.

Dielectric Withstanding Voltage: 1000 V AC.

DC Current Rating: 1.5 Amps.

DC Resistance: 0.1Ω.

Contact Resistance: 20mΩ.

Suitable Impact Tool: 110 Style Punch Down Tool.

Insertion Life: 750 Mating Cycles With FCC Compliant 8P Plug.

Contact Force: 100 Grams With FCC Compliant 8P Plug.

Plug Retention Force: 11 LBF MIN.

Durability: 200 Termination Cycles.

Contact Compatibility: Accommodates 22 to 24 Awg Solid.

Operating Temperature Range: -10 °C To 60 °C.

Storage Temperature Range: -40 °C To 68 °C.

Humidity: 10% ~ 90% RH.



# PATCH PANELS

### UP-PP06-UTP-C5E-48P



- |                                |                                   |
|--------------------------------|-----------------------------------|
| UP-PP06-UTP-C6a-48P            | UTP CAT5e patch panel,48 ports,2U |
| UP-PP06-UTP-C6a-48P            | UTP CAT5e patch panel,48 ports,2U |
| <b>KD-PP06-UTP-C5e-48P</b>     | <b>UTP CAT5e patch panel</b>      |
| • 48 x unshielded RJ45 jacks   | • 6 ports as an unit              |
| • 2U, 19" krone B 110 dual IDC |                                   |

### UP-PP06-UTP-C5E-48P



- |                              |  |
|------------------------------|--|
| UP-PP07-UTP-C5e-24P          | UTP CAT5e patch panel,24 ports, with cable management,1U |
| UP-PP07-UTP-6-24P            | UTP CAT6 patch panel,24 ports, with cable management,1U  |
| • 24 x unshielded RJ45 jacks | • With cable management                                  |
| • 6 ports as an unit         | • 1U, 19" krone B 110 dual IDC                           |

### UP-PP30-STP-C5e-24P



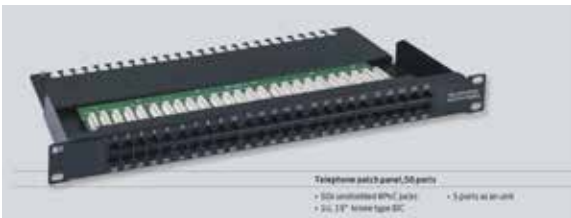
- |                            |                                   |
|----------------------------|-----------------------------------|
| UP-PP06-UTP-C6a-48P        | STP CAT5e patch panel,24 ports,1U |
| UP-PP30-STP-C6-24P         | STP CAT6 patch panel,24 ports,1U  |
| UP-PP30-STP-C6A-24P        | STP CAT6 patch panel,24 ports,1U  |
| • 24 x shielded RJ45 jacks | • 8 ports as an unit              |
| • 1U, 19" krone type IDC   |                                   |

### UP-PP15-25P



- |                                       |                      |
|---------------------------------------|----------------------|
| <b>Telephone patch panel,25 ports</b> |                      |
| • 25x unshielded 8P4C jacks           | • 5 ports as an unit |
| • 1U, 19" krone type IDC              |                      |

### UP-PP16-50P



- |                                       |                      |
|---------------------------------------|----------------------|
| <b>Telephone patch panel,50 ports</b> |                      |
| • 50x unshielded 8P4C jacks           | • 5 ports as an unit |
| • 2U, 19" krone type IDC              |                      |

### UP-PP01-UTP-C5e-12P



- |                              |  |
|------------------------------|--|
| UP-PP01-UTP-C5e-12P          | 10 "UTP CAT5e patch panel,12 ports,1U      |
| UP-PP01-UTP-C6-12P           | 10" UTP CAT6 patch panel,12 ports,1U       |
| <b>KD-PP01-UTP-C5e-12P</b>   | <b>Mini UTP CAT5e patch panel,12 ports</b> |
| • 12 x unshielded RJ45 jacks | • 1U, 10" 110 B krone type IDC             |



# PATCH PANELS

## KD-PP29-STP-C6a-12P



- |                     |                                     |
|---------------------|-------------------------------------|
| UP-PP06-UTP-C6a-48P | Mini STP CAT6a patch panel,12 ports |
| KD-PP29-STP-C6-12P  | Mini STP CAT6 patch panel,12 ports  |
| KD-PP29-STP-C5e-12P | Mini STP CAT5e patch panel,12 ports |
- 12x fully shielded RJ45 jacks
  - Metal housing
  - Size: 254(W)x44.5(H)x130mm(D)

## UP-PP28-STP-C5e-8P



- |                    |                                       |
|--------------------|---------------------------------------|
| UP-PP28-STP-C5e-8P | Mini STP CAT5e patch panel,8 ports,1U |
| UP-PP28-STP-C6-8P  | Mini STP CAT6 patch panel,8 ports,1U  |
- 8x fully shielded RJ45 jacks
  - Metal housing
  - Size: 162(W)x44.5(H)x112mm(D)

## UP-PP10-UTP-C5e-12P



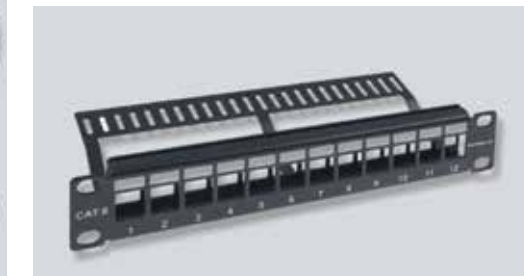
- |                     |   |
|---------------------|---|
| UP-PP10-UTP-C5e-12P | 10"UTP CAT5e patch panel,12 ports wall mounted type |
| UP-PP10-UTP-C6-12P  | 10"UTP CAT6 patch panel,12 ports wall mounted type  |
- 12 x unshielded RJ45 jacks
  - Install on wall mount rack
  - 110 6 krone type IDC
  - 254(W)x81.2(H)x47.5mm(D)

## UP-PP37-UTP-C5e-48P



- |                     |                               |                     |                                |
|---------------------|-------------------------------|---------------------|--------------------------------|
| UP-PP10-UTP-C5e-12P | UTP CAT6 patch panel,48 ports | KD-PP37-UTP-C5e-48P | UTP CAT5e patch panel,48 ports |
|---------------------|-------------------------------|---------------------|--------------------------------|
- 48 x unshielded RJ45 jacks
  - 8x ports in a row
  - 110 6P Krone IDC
  - 340 6P Krone IDC
  - 8 ports in a row

## UP-PP23-UTP-BK-12P



- 10" Blank patch panel,12 ports**
- For installing 12xUTP keystone jacks
  - With cable management
  - 254(W)x44.5(H)x83mm(D)

# PATCH PANELS

UP-PP23-UTP-BK-24P



UP-PP23-UTP-BK-24P 9" Blank patch panel for UTP keystone jacks

UP-PP23-STP-BK-24P 9" Blank patch panel for STP keystone jacks

- 24 ports for keystone jacks
- With cable management

UP-PP21-STP-BK-24P



19" Blank patch panel

- With 24 ports for UTP keystone jacks

UP-PP25-STP-BK-24P



19" Blank patch panel, 24 ports

- For installing 24xSTP keystone jacks
- With cable management

UP-PP25-UTP-BK-24P



19" Blank patch panel, 24 ports

- For installing 24xUTP keystone jacks
- With cable management

# FACE PLATES

UP-FP01



**Face plate**

- Single port with shutter
- Size: 86X86mm

UP-FP02



**Face plate**

- Dual ports with shutters
- Size: 86X86mm

UP-FP05



**Face plate**

- Single port with shutter
- Size: 86X86mm

UP-FP06



**Face plate**

- Dual ports with shutters
- Size: 86X86mm

UP-FP07



**Face plate**

- Single port with shutter
- Size: 86X86mm

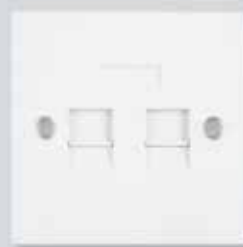
UP-FP08



**Face plate**

- Dual ports with shutters
- Size: 86X86mm

UP-FP10



**Face plate**

- Dual ports with shutters
- Size: 86X86mm

UP-FP11



**Face plate**

- Single port with shutter
- Size: 86X86mm

UP-FP46



**Face plate**

- Dual ports with shutters
- UK type
- Size: 86X86mm

# FACE PLATES

UP-FP13



**Face plate**

- Single angled port with shutter
- Size: 86X86mm

UP-FP14



**Face plate**

- Dual angled ports with shutters
- Size: 86X86mm

UP-FP60



**Face plate**

- Shielded for STP keystone jack, single port
- German type
- Size: 80X80mm

UP-FP61



**Face plate**

- Shielded for STP keystone jack, dual ports
- German type
- Size: 80X80mm

UP-FP62



**Face plate**

- Shielded for STP keystone jack, 3 ports
- German type
- Size: 80X80mm

UP-FP63



**Face plate**

- For simplex SC adaptor, single angled port
- Size: 80X80mm

UP-FP64



**Face plate**

- For duplex SC adaptor, single angled port
- Size: 80X80mm

UP-FP16



**Face plate**

- Single port
- Size: 70X115mm

UP-FP17



**Face plate**

- Dual ports
- Size: 70X115mm



# FACE PLATES

UP-FP18



**Face plate**

- 3 ports
- Size: 70X115mm

UP-FP40



**Face plate**

- 4 ports
- UK type
- Size: 86X146mm

UP-FP41



**Face plate**

- 4 ports
- UK type
- Size: 86X146mm

UP-FP39



**Face plate**

- Dual ports
- UK type
- Size: 86X86mm

UP-FP36



**Face plate**

- Single port
- UK type
- Size: 86X86mm

UP-FP37



**Face plate**

- Dual ports
- UK type
- Size: 86X86mm

UP-FP53



**Face plate**

- French type
- Suitable for 45X45mm or double 45X22.5mm face plate,
- Size: 80X80mm

UP-FP72



**Mini face plate**

- Single port
- Size: 33.2X67.9mm

UP-FP73



**Mini face plate**

- Dual ports
- Size: 33.2X67.9mm

# FACE PLATES

UP-FP74



**Mini face plate**

- 3 ports
- Size: 33.2X67.9mm

UP-FP75



**Mini face plate**

- 4 ports
- Size: 33.2X67.9mm

UP-FP49



**Mini face plate**

- Single port
- French type
- Size: 45X45mm

UP-FP48



**Mini face plate**

- Single port
- French type
- Size: 45X22.5mm

UP-FP76



**Mini face plate**

- Single port
- Size: 45X45mm
- With dust cover
- French type

UP-FP77



**Mini face plate**

- Single port
- Size: 45X22.5mm
- With dust cover
- French type

UP-FP78



**Mini face plate**

- Dual ports
- Size: 45X45mm
- French type
- With dust cover

UP-FP50



**Mini face plate**

- Dual ports
- French type
- Size: 45X45mm

# FACE PLATES

UP-FP51



**Mini face plate**

- Dual ports
- Size: 45X45mm
- With dust cover
- French type

UP-FP19



**Face plate**

- 4 ports
- Size: 70X115mm

UP-FP20



**Face plate**

- 6 ports
- Size: 70X115mm

UP-FP21



**Face plate**

- Single port
- Size: 70X115mm

UP-FP22



**Face plate**

- Dual ports
- Size: 70X115mm

UP-FP23



**Face plate**

- 3 ports
- Size: 70X115mm

UP-FP24



**Face plate**

- 4 ports
- Size: 70X115mm

UP-FP25



**Face plate**

- 6 ports
- Size: 70X115mm

UP-FP65



**Face plate**

- Dual ports for RCA/F adaptor
- Size: 70X115mm

# FACE PLATES

UP-FP66



**Face plate**

- 3 ports for RCA/F adaptor
- Size: 70X115mm

UP-FP67



**Face plate**

- 4 ports for RCA/F adaptor
- Size: 70X115mm

UP-FP69



**Face plate**

- 8 ports for RCA/F adaptor
- Size: 70X115mm

UP-FP68




**Face plate**

- 6 ports for RCA/F adaptor
- Size: 70X115mm

## SURFACE MOUNT BOX

UP-WP6038-C5e / UP-WP6038-C6e  
UP-WP6038-C6a



UP-WP6038-C5e

- UTP CAT5e Surface mount box, Single Port


UP-WP6038-C6

- UTP CAT6 Surface mout box, Single Port

UP-WP6038-C6a

- UTP CAT6a Surface mout box, Single Port

UP-WP6039-C5e / UP-WP6039-C6  
UP-WP6039-C6a



UP-WP6039-C5e

- UTP CAT5e Surface mout box, Dual Ports


UP-WP6039-C6

- UTP CAT6 Surface mout box, Dual Ports

UP-WP6039-C6a

- UTP CAT6a Surface mout box, Dual Ports

UP-WP6040-C5e / UP-WP6040-C6  
UP-WP6040-C6a



UP-WP6040-C5e

- STP CAT5e Surface mout box, Single Port


UP-WP6040-C6

- STP CAT6 Surface mout box, Single Port

UP-WP6040-C6a

- STP CAT6a Surface mout box, Single Port

UP-WP6041-C5e / UP-WP6041-C6  
UP-WP6041-C6a



UP-WP6041-C5e

- STP CAT5e Surface mout box, Dual Ports

UP-WP6041-C6

- STP CAT6 Surface mout box, Dual Ports

UP-WP6041-C6a

- STP CAT6a Surface mout box, Dual Ports

UP-WP6034-C5e / UP-WP6034-C6



**KD-WP6034-C5e**  
**UTP Cat5e Surface box**

- Single RJ45 port
- With PCB

**KD-WP6034-C6**  
**UTP Cat6 Surface box**

- Single RJ45 port
- With PCB



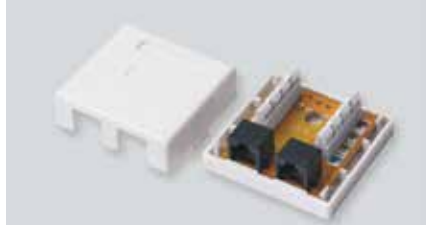
# SURFACE MOUNT BOX

UP-WP6036-C5e / UP-WP6036-C6



- |   |   |
|---|---|
| <b>KD-WP6036-C5e</b><br>STP Cat5e Surface box | <b>KD-WP6036-C6</b><br>STP Cat6 Surface box |
| • Single RJ45 port                            | • Single RJ45 port                          |
| • With PCB                                    | • With PCB                                  |

UP-WP6035-C5e / UP-WP6035-C6



- |   |   |
|---|---|
| <b>KD-WP6035-C5e</b><br>UTP Cat5e Surface box | <b>KD-WP6035-C6</b><br>UTP Cat6 Surface box |
| • Dual RJ45 ports                             | • Dual RJ45 ports                           |
| • With PCB                                    | • With PCB                                  |

UP-WP6037-C5e / UP-WP6037-C6



- |   |   |
|---|---|
| <b>KD-WP6037-C5e</b><br>STP Cat5e Surface box | <b>KD-WP6037-C6</b><br>STP Cat6 Surface box |
| • Dual RJ45 ports                             | • Dual RJ45 ports                           |
| • With PCB                                    | • With PCB                                  |

KD-WP01-A / KD-WP01-B



- |   |
|---|
| <b>KD-WP01-A</b>                                  |
| • Surface box, single port, with keystone jack    |
| <b>KD-WP01-B</b>                                  |
| • Surface box, single port, without keystone jack |

KD-WP02-A / KD-WP02-B



- |  |
|--|
| <b>KD-WP02-A</b>                                 |
| • Surface box, dual ports, with keystone jack    |
| <b>KD-WP02-B</b>                                 |
| • Surface box, dual ports, without keystone jack |

KD-WP04-A / KD-WP04-B



- |  |
|--|
| <b>KD-WP04-A</b>                                 |
| • Surface box, dual ports, with keystone jack    |
| <b>KD-WP04-B</b>                                 |
| • Surface box, dual ports, without keystone jack |

KD-WP05-A / KD-WP05-B



- |   |
|---|
| <b>KD-WP05-A</b>                                  |
| • Surface box, single port, with keystone jack    |
| <b>KD-WP05-B</b>                                  |
| • Surface box, single port, without keystone jack |

KD-WP06-A / KD-WP06-B



- |  |
|--|
| <b>KD-WP06-A</b>                                 |
| • Surface box, dual ports, with keystone jack    |
| <b>KD-WP06-B</b>                                 |
| • Surface box, dual ports, without keystone jack |

KD-WP07-A / KD-WP07-B



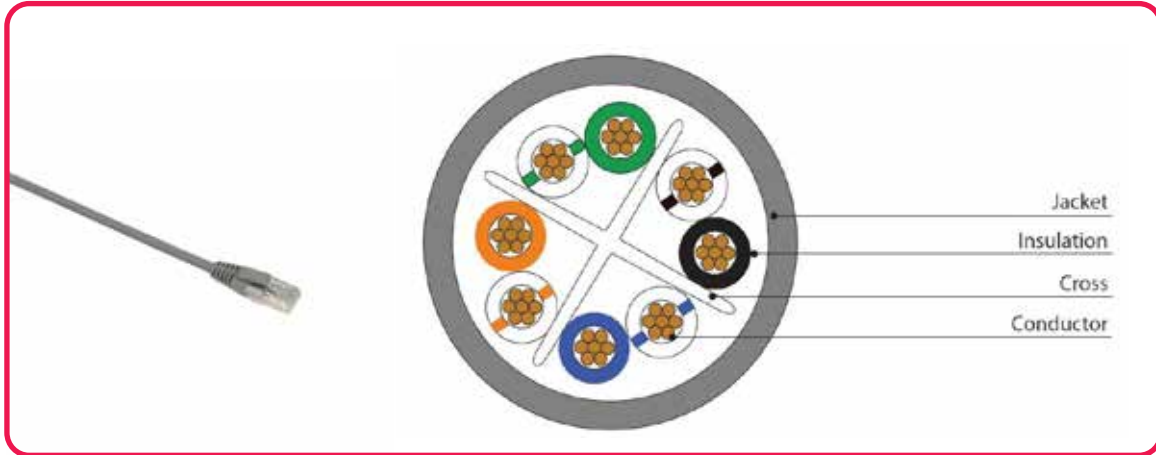
- |   |
|---|
| <b>KD-WP07-A</b>                              |
| • Surface box, 4 ports, with keystone jack    |
| <b>KD-WP07-B</b>                              |
| • Surface box, 4 ports, without keystone jack |



## PATCH CORDS



### Cat 5e U/UTP Patch Cord LSZH



#### DESCRIPTION

Category 5e unscreened (Cat5 U/UTP) patch cord are engineered to meet and exceed the IEC and TIA for CLASS D/Cat-egory 5 systems performance requirements. The patch cords are engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

#### FEATURES

- Complying 100MHz
- LS0H
- Snagless colored moulded boot
- 3-50u"gold plated contact pins
- 6 standard colours

## APPLICATION

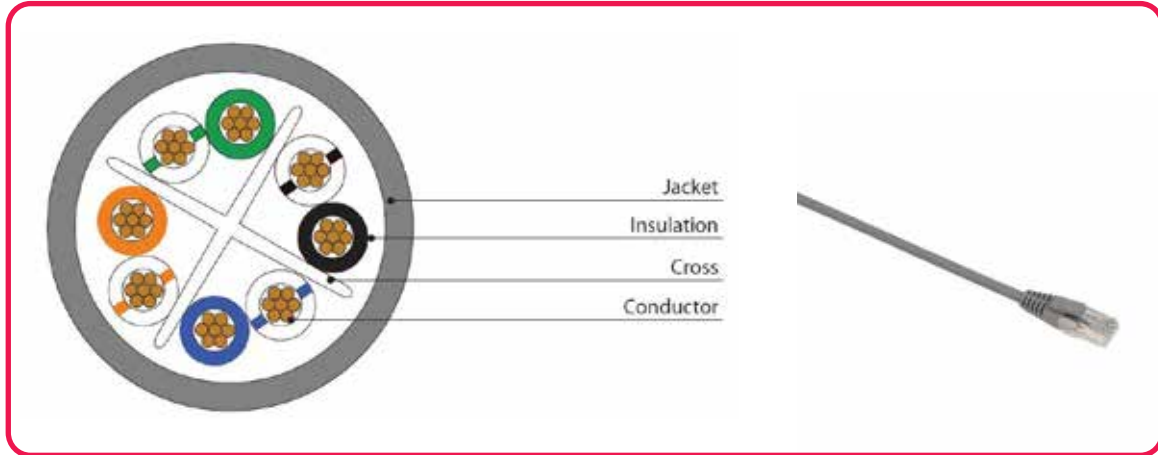
- ATM 155
- 100BASE-Tx
- IEC 61935-2
- ISO/IEC 11801
- 1000BASE-T
- 1G FCBASE-T
- Class D/category 5e standards compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	0.95mm
	Material	HDPE
	External Outer Diameter	5.4 ± 0.2mm
Jacket	Thickness mm	0.51mm
	Material	LSZH
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C



## Cat 5e F/UTP Patch Cord LSZH



### DESCRIPTION

Category 5e screened (Cat5e F/UTP) patch cords are engineered to meet and exceed the IEC and TIA for CLASS D/Category 5 systems performance requirements. The patch cords are engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

### FEATURES

- Complying 100MHz
- LS0H
- Snagless colored moulded boot
- 3-50u"gold plated contact pins
- 6 standard colours



## APPLICATION

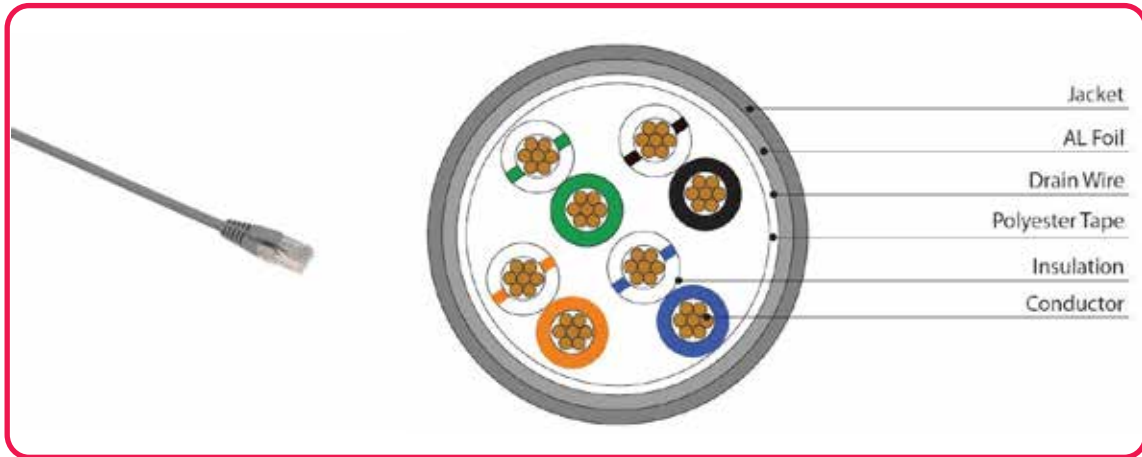
- ATM 155
- 100BASE-Tx
- IEC 61935-2
- ISO/IEC 11801
- 1000BASE-T
- 1G FCBASE-T
- Class D/category 5e standards compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	0.86mm
	Material	HDPE
	External Outer Diameter	5.3 ± 0.2mm
Jacket	Thickness mm	0.51mm
	Material	LSOH
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C



## Cat 5e F/UTP Patch Cord PVC



### DESCRIPTION

Category 5e screened (Cat5e F/UTP) patch cord are engineered to meet and exceed the IEC and TIA for CLASS D/Category 5 systems performance requirements. The patch cords are engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

### FEATURES

- Complying 100MHz
- PVC
- Snagless colored moulded boot
- 3 to 50u"gold plated contact pins
- 6 standard colours

## APPLICATION

- ATM 155
- 100BASE-Tx
- IEC 61935-2
- ISO/IEC 11801
- 1000BASE-T
- 1G FCBASE-T
- Class D/category 5e standards compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	0.86mm
	Material	HDPE
	External Outer Diameter	5.3 ± 0.2mm
Jacket	Thickness mm	0.51mm
	Material	PVC
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C



## Cat 5e U/UTP Patch Cord PVC



### DESCRIPTION

Category 5e unshielded (Cat6 U/UTP) patch cords are engineered to meet and exceed the IEC and TIA for CLASS D/Cat-egory 5 systems performance requirements. The patch cords are engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

### FEATURES

- Complying 100MHz
- LS0H
- Snagless colored moulded boot
- 3 to 50u"gold plated contact pins
- 6 standard colours

## APPLICATION

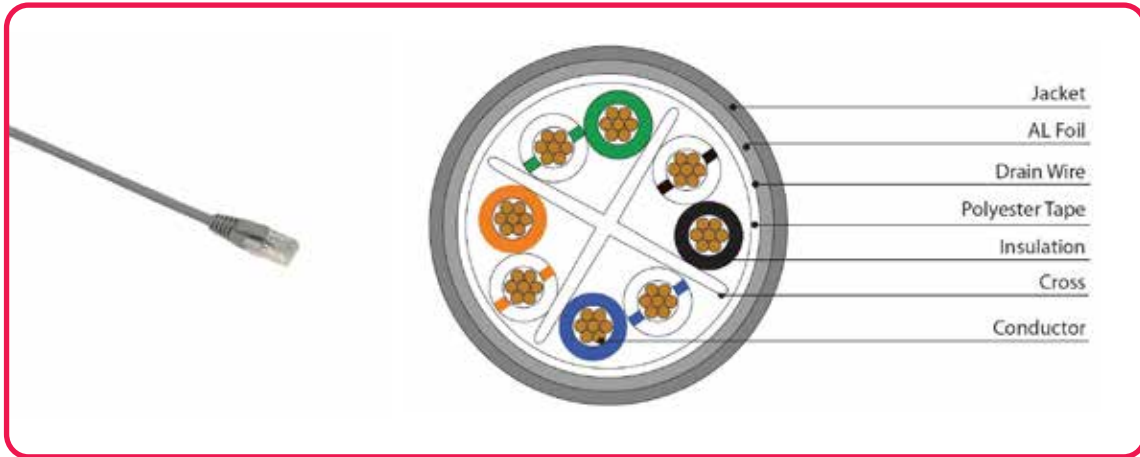
- ATM 155
- 100BASE-Tx
- IEC 61935-2
- ISO/IEC 11801
- 1000BASE-T
- 1G FCBASE-T
- Class D/category 5e standards compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	0.95mm
	Material	HDPE
	External Outer Diameter	5.4 ± 0.2mm
Jacket	Thickness mm	0.51mm
	Material	LSZH
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C



## Cat 6 F/UTP Patch Cord LSZH



### DESCRIPTION

Category 6 unscreened (Cat6 F/UTP) patch cords are engineered to meet and exceed the IEC and TIA for CLASS E/Category 6 systems performance requirements. The patch cords are engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

### FEATURES

- Complying 250MHz
- Low Smoke Zero Halogen
- Snagless colored moulded boot
- 3 to 50u"gold plated contact pins
- 6 standard colours

## APPLICATION

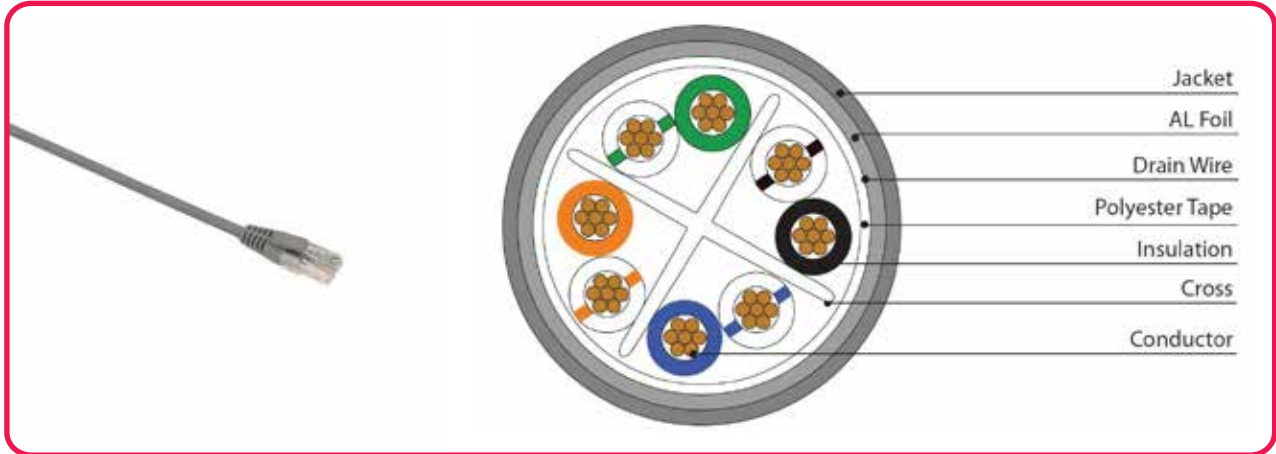
- IEC 61935-2
- ISO/IEC 11801
- ATM 1200
- 1000BASE-T (
- 1G FCBASE-T
- REACH compliant
- Class E/category 6 standards compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	0.86mm
	Material	HDPE
	External Outer Diameter	5.9 ± 0.2mm
Jacket	Thickness mm	0.51mm
	Material	LSZH
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C



## Cat 6 F/UTP Patch Cord PVC



### DESCRIPTION

Category 6 unshielded (Cat6 F/UTP) patch cords are engineered to meet and exceed the IEC and TIA for CLASS E/Category 6 systems performance requirements. The patch cords are engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

### FEATURES

- Complying 250MHz
- PVC
- Snagless colored moulded boot
- 3 to 50u"gold plated contact pins
- 6 standard colours



## APPLICATION

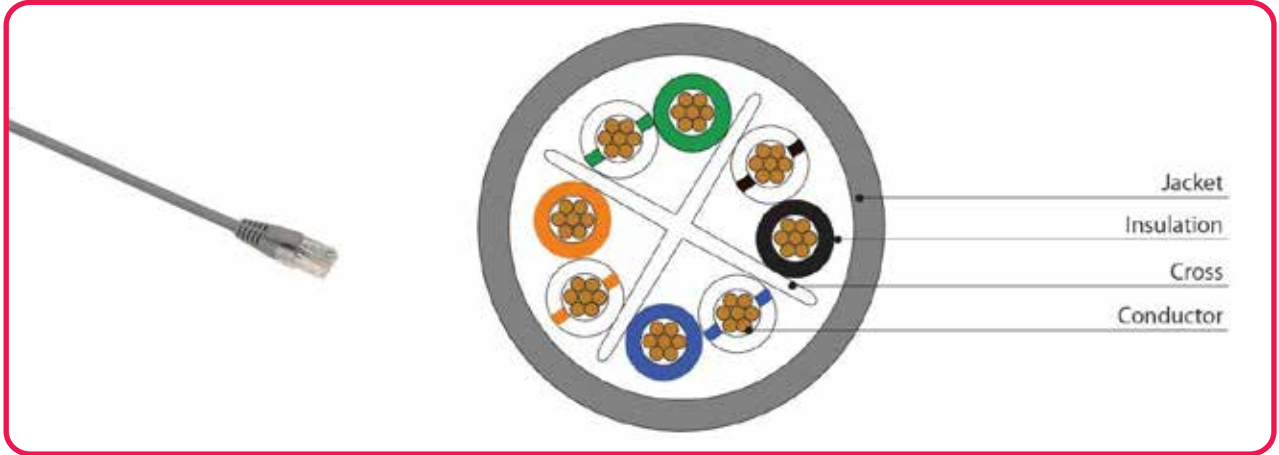
- IEC 61935-2
- ISO/IEC 11801
- ATM 1200
- 1000BASE-T (
- 1G FCBASE-T
- REACH compliant
- Class E/category 6 standards compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	0.86mm
	Material	HDPE
	External Outer Diameter	5.8 ± 0.2mm
Jacket	Thickness mm	0.51mm
	Material	PVC
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C



## Cat 6 U/UTP Patch Cord LSZH



### DESCRIPTION

Category 6 unshielded (Cat6 U/UTP) patch cords are engineered to meet and exceed the IEC and TIA for CLASS E/Category 6 systems performance requirements. The patch cords are well-engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

### FEATURES

- Complying 250MHz
- Low Smoke Zero Halogen
- Snagless colored moulded boot
- 3 to 50u"gold plated contact pins
- 6 standard colours

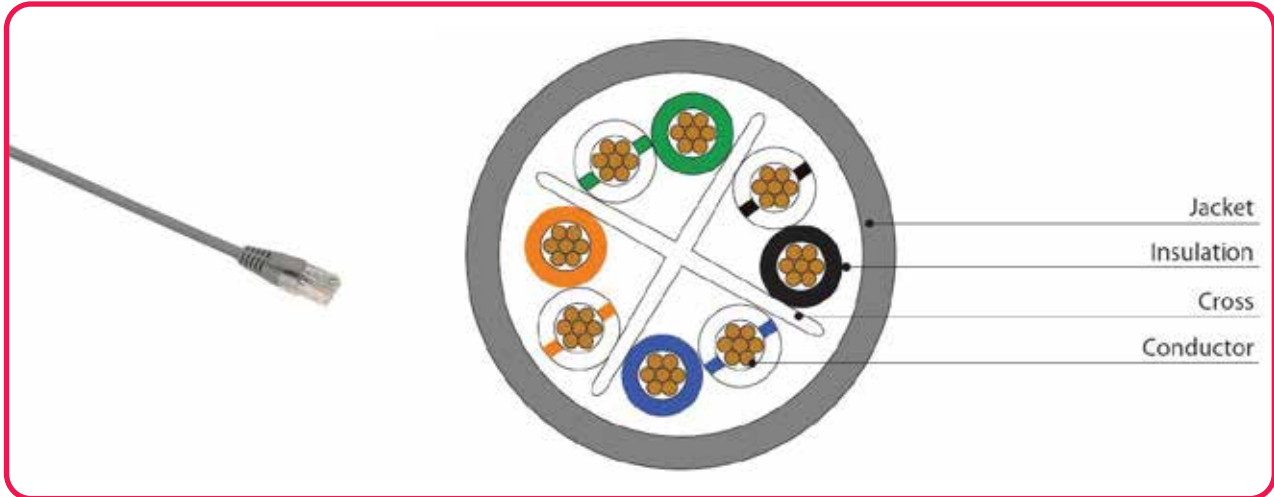
## APPLICATION

- IEC 61935-2
- ISO/IEC 11801 (2nd Edition): 2010
- ATM 1200
- 1000BASE-T (Gigabit Ethernet)
- 1G FCBASE-T
- REACH / SVHC compliant regulation (EC) No. 1907/2006
- Class E/category 6 standards compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	0.98mm
	Material	HDPE
	External Outer Diameter	5.8 ± 0.2mm
Jacket	Thickness mm	0.51mm
	Material	LSZH
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C

## Cat 6 U/UTP Patch Cord LSZH



### DESCRIPTION

Category 6 unshielded (Cat6 U/UTP) patch cords are engineered to meet and exceed the IEC and TIA for CLASS E/Category 6 systems performance requirements. The patch cords are engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

### FEATURES

- Complying 250MHz
- PVC
- Snagless colored moulded boot
- 3 to 50u"gold plated contact pins
- 6 standard colours

## APPLICATION

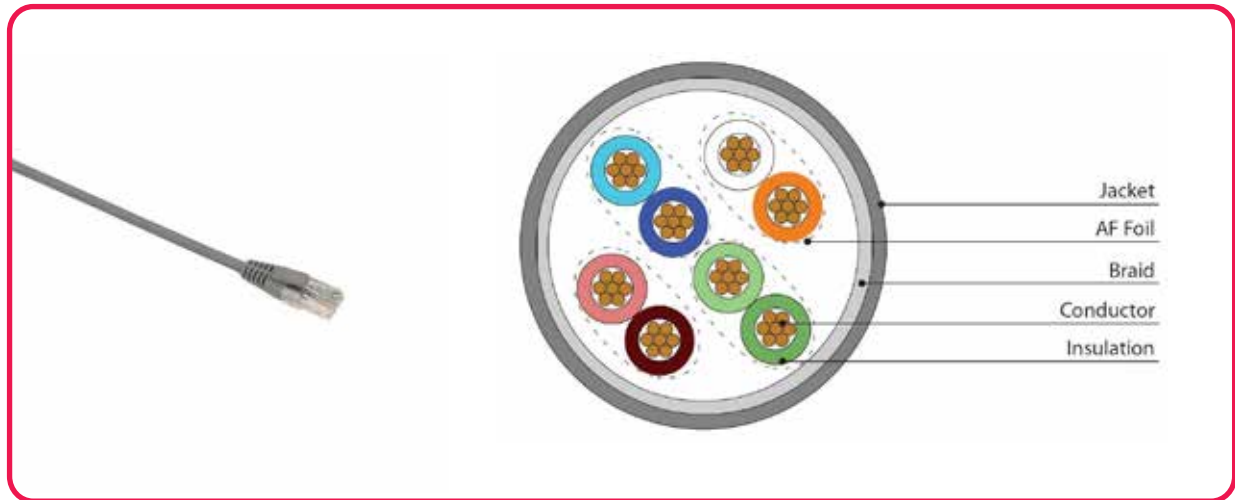
- IEC 61935-2
- ISO/IEC 11801 (2nd Edition): 2010
- ATM 1200
- 1000BASE-T (Gigabit Ethernet)
- 1G FCBASE-T
- REACH / SVHC compliant regulation (EC) No. 1907/2006
- Class E/category 6 standards compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	0.86mm
	Material	HDPE
	External Outer Diameter	5.8 ± 0.2mm
Jacket	Thickness mm	0.51mm
	Material	PVC
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C



## Cat 6A S/FTP Patch Cord LSZH



### DESCRIPTION

Category 6 unscreened (Cat 6A S/FTP) patch cord are engineered to meet and exceed the IEC and TIA for CLASS E/Cat-egory 6A systems performance requirements. The patch cords are engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

### FEATURES

- Complying 500MHz
- LS0H
- Snagless colored moulded boot
- 3 to 50u"gold plated contact pins
- 6 standard colours

## APPLICATION

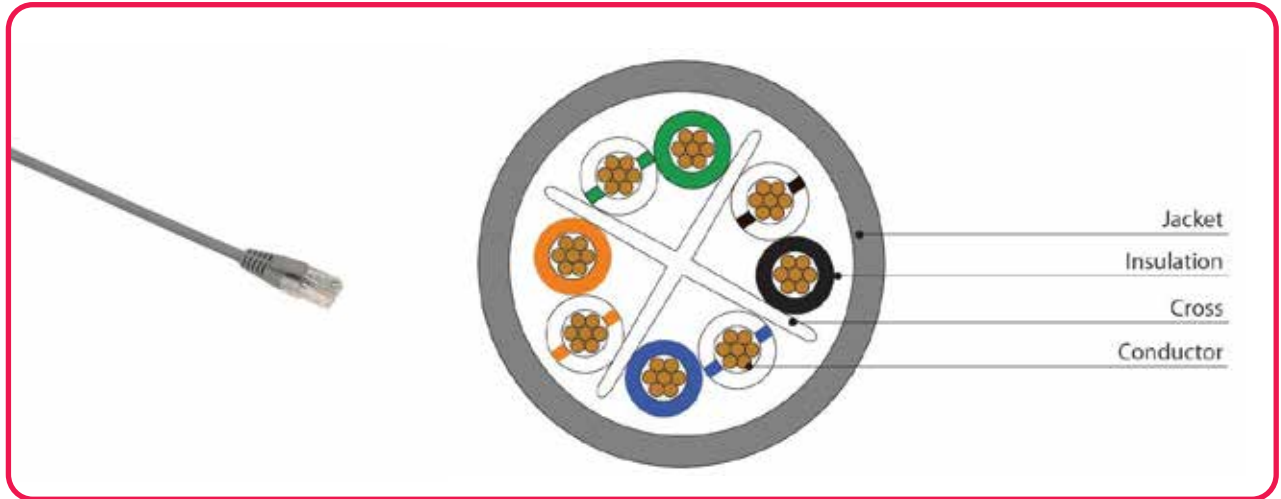
- IEC 61935-2
- ISO/IEC 11801
- ATM 1200
- 1G FCBASE-T
- 10G BASE-T (10G Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- Class EA/category 6A
- REACH compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	1.01mm $\pm$ 0.05
	Material	Foam PE
	External Outer Diameter	6.0 $\pm$ 0.2mm
Jacket	Thickness mm	0.55mm
	Material	LSOH
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C



## Cat 6A U/UTP Patch Cord LSZH



### DESCRIPTION

Category 6 unshielded (Cat 6A U/UTP) patch cord are engineered to meet and exceed the IEC and TIA for CLASS E/Category 6A systems performance requirements. The patch cords are engineered to be robust and reliable, using high quality of raw-materials and quality oriented production processes, to provide a patch cord solution which provides a high level of performance. The colored moulded snagless boot latching allows the patch cords to be deployed within even the most densely populated network installations.

### FEATURES

- Complying 500MHz
- LS0H
- Snagless colored moulded boot
- 3 to 50u"gold plated contact pins
- 6 standard colours



## APPLICATION

- IEC 61935-2
- ISO/IEC 11801
- ATM 1200
- 1G FCBASE-T
- 10G BASE-T (10G Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- Class EA/category 6A
- REACH compliant

## SPECIFICATION

Structure	Reference	Value
Conductors	AWG	24
	Size	7x0,20
Insulation	Material	Bare Copper
	Diameter	0.95mm ± 0.05
	Material	Polyolefin
	External Outer Diameter	5.8 ± 0.2mm
Jacket	Thickness mm	0.6mm
	Material	LSOH
Pulling Tension	Max.50N	
Bending Radius	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C
	Operation Temperature	-20 to 60 °C

# PATCH CORDS (CCA)

## UP-PAUT6XXX-YY



**Cat6,U/UTP Patch cable**

- Made by U/UTP Cat6 cable
- 2xUnshielded RJ45 plug
- TIA/EIA 568B coded



**Order information**

- PAUT6XXX-YY, XXX=Meters, YY=Color

## UP-PAUT7XXX-YY



**Cat6,F/UTP Patch cable**

- Made by F/UTP Cat6 cable
- 2xShielded RJ45 plug
- TIA/EIA 568B coded



**Order information**

- PAFT7XXX-YY, XXX=Meters, YY=Color

## UP-PAUT8XXX-YY



**Cat6,SF/UTP Patch cable**

- Made by SF/UTP Cat6 cable
- 2xShielded RJ45 plug
- TIA/EIA 568B coded



**Order information**

- PASFT8XXX-YY, XXX=Meters, YY=Color

## UP-PAUT9XXX-C-6A-YY



**Cat6a,SF/UTP Patch cable**

- Made by SF/UTP Cat6a cable
- 2xShielded RJ45 plug
- TIA/EIA 568B coded



**Order information**

- PASFT9XXX-C6a-YY, XXX=Meters, YY=Color