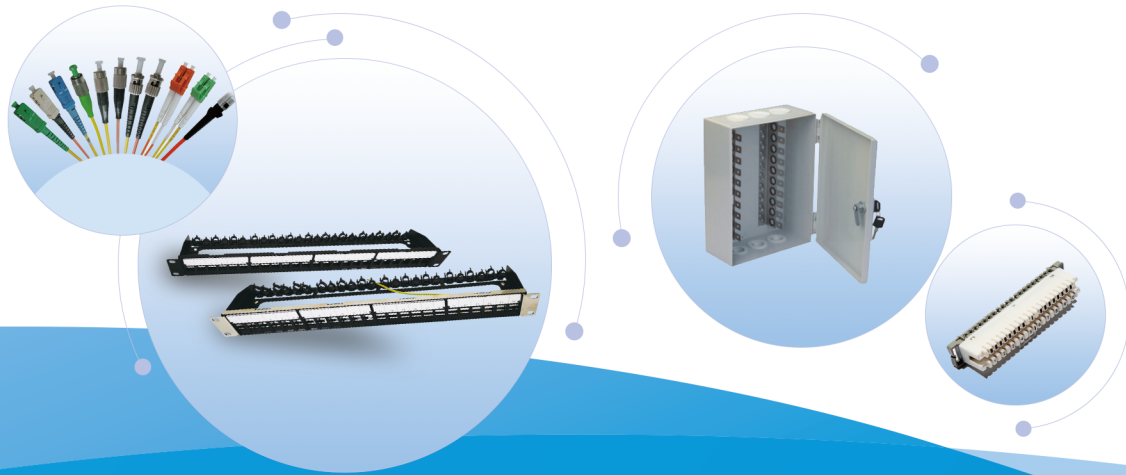


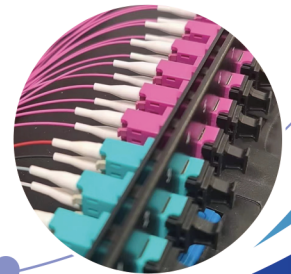
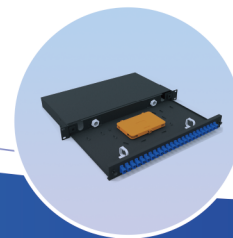
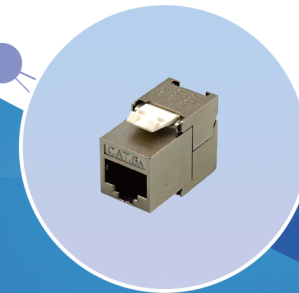


Copperled Technology Co.,Ltd



# Product Catalogue

Copperled Technology Co.,Ltd



Address: Rm1311 A-F, Huafeng Youth Entrepreneurship Base Building, Xin'an Street, Jia'an Road 41 Zone, Bao'an District, Shenzhen City, Guangdong Province, China 518101

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<https://www.facebook.com/copperled>

<https://www.instagram.com/copperledcabling>

<https://www.linkedin.com/in/kelly-su-patchpanel>



● COPPER | ● FIBER | ● TELECOM

WWW.COPPERLED.COM  
UL FILE NO.: E480600

# CONTENTS

## COMPANY PROFILE

### Structured Cabling Products Manufacturer and Solutions Provider

Shenzhen Copperled is a professional manufacturer and exporter of Structured Cabling System products. The company was founded in 2006, with the head office located in HK and branch office in Shenzhen China and the manufacturing facilities in Ningbo.

The range of our products mainly included: Cat.6A / Cat.6 / Cat.5e LAN Cable with 305m / 500m lengths and Patch Cord with various lengths and colors, Cat.6A / Cat.6 / Cat.5e Modular Plug, Cat.6A / Cat.6 / Cat.5e Patch Panel and Keystone Jack, Faceplate, Cable Manager, Network Cabinet, 110 Wiring Block, Fiber Optic Cable and Fiber Optic Patch Cord (SC,ST,FC,LC,MTRJ), Fiber Optic Connector, Fiber Optic Adapter, Fiber Optic Patch Panel and Box; Telecom Module and Distribution Box.

We supply the products to networking products wholesalers, resellers and distributors and integrated electronics solution providers and many more. The markets span from North American, South American, East European, South African, Middle East and some countries in Asia.

### Continuous Improvement--- New Products Development

We are dedicated to continuously explore new ways to improve our products and services to better meet our customer's need. We are firmly committed to new products development.

Copperled is your total solutions provider in an ever-changing global marketplace.

Copperled will provide you with years of quality performance and satisfaction. Whether you are considering purchasing for the first time or have been with us for years, we appreciated your business and will always work hard to exceed your expectation.

### COPPER SYSTEM

- 01 LAN Cable
- 14 Patch Cord
- 19 Field Module Plug
- 20 Patch Panel
- 32 Cable Manager
- 33 Wiring Block
- 34 Keystone Jack
- 42 Faceplate
- 44 Networking Cabinet
- 49 Networking Tools
- 50 Networking Accessories

### FIBER SYSTEM

- 53 Fiber MPO Patch Cord
- 54 Fiber Patch Cord & Pigtail
- 57 Adapter & Connector
- 58 Fiber Patch Panel
- 61 FTTH Box
- 62 Fiber Enclosure
- 63 Fiber Optic Cable

### TELECOM SYSTEM

- 65 Module
- 65 Distribution Box
- 65 Mount Frame



# COPPERLED CORPORATE TIMELINE & MILESTONES

**2022** | Copperled set up a branch office in Colombia.

**2021** | Recruited a sole distributor for our "Copperled" brand in South America successfully With the trial order USD113K and yearly purchase target USD500K.

**2019-2020** | Worked with one of our European customer to win the tender of government project for 2 years, Signed 2 sole distributors in Europe markets and Middle East market.

**2018** | Network Equipment factory moved to new factory the area cover 20,000 square meters.

**2013-2016** | Got ETL & REACH, RoHS & CE&UL & ISO9001 Certification

**2011-2012** | Founded Network cable factory in Zhejiang. Factory implement 5S management system

**2010** | Set up Shenzhen Copperled Technology Co. Ltd

**2006-2008** | Established Copperled Technology (HK) Limited Acquired Zhejiang Network Equipment factory

## WORKSHOP & EQUIPMENTS



19" Cabinet



Fiber Optic Patch Cord



LAN Cable & Patch Cord



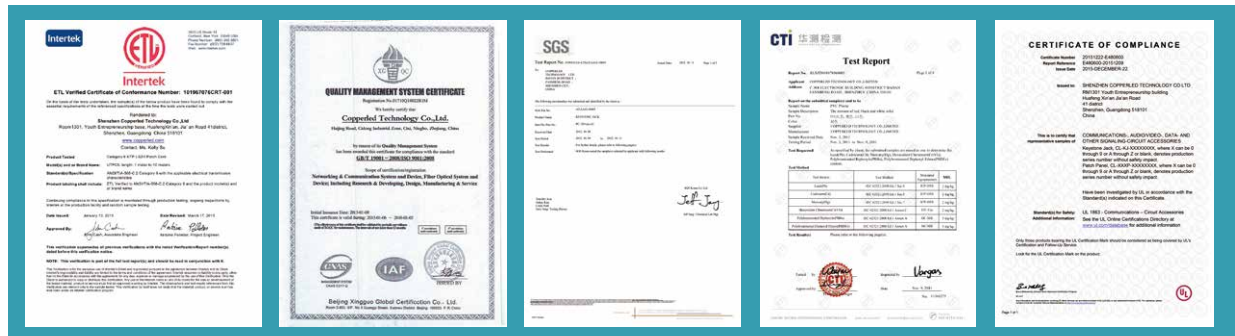
Patch Panel & Keystone Jack





# WARRANTY & CERTIFICATES

Copperled Products are CE, ETL, UL listed and RoHS compliant.



# CATEGORY 6A CABLING SYSTEM

Screened			Unscreened		
<b>Cat.6A LAN Cable</b>  <b>CL-23F-C6A</b>	<b>Cat.6A Patch Cord</b>  <b>CL-PCF01-C6A</b>	<b>Cat.6A LAN Cable</b>  <b>CL-23U-C6A</b>	<b>Cat.6A Patch Cord</b>  <b>CL-PCU01-C6A</b>		
<b>Cat.6A Patch Panel</b>  <b>CL-F24P-C6A02</b>	<b>Cat.6A Keystone Jack</b>  <b>CL-KJ-C6A17</b>	<b>Cat.6A Patch Panel</b>  <b>CL-U24P-BP11</b>	<b>Cat.6A Keystone Jack</b>  <b>CL-KJ-C6A16</b>		
<b>Face Plate-USA</b>  <b>CL-FP-1201</b>	<b>Face Plate - UK</b>  <b>CL-FP86-A1</b>	<b>Face Plate - French</b>  <b>CL-FP45-01</b>	<b>Face Plate-USA</b>  <b>CL-FP-1201</b>	<b>Face Plate - UK</b>  <b>CL-FP86-A1</b>	<b>Face Plate -French</b>  <b>CL-FP45-01</b>





## CATEGORY 6 CABLING SYSTEM

### Screened

<p>Cat.6 LAN Cable</p> <p>CL-23F-C6</p>	<p>Cat.6 Patch Cord</p> <p>CL-PCF01-C6</p>
<p>Cat.6 Patch Panel</p> <p>CL-24PS-C601</p>	<p>Cat.6 Keystone Jack</p> <p>CL-KJS-C609</p>

### Unscreened

<p>Cat.6 LAN Cable</p> <p>CL-23U-C6</p>	<p>Cat.6 Patch Cord</p> <p>CL-PCU03-C6</p>
<p>Cat.6 Patch Panel</p> <p>CL-U24P-C606</p>	<p><b>NEW</b></p> <p>Cat.6 Keystone Jack</p> <p>CL-KJU-C621</p>

### Face Plate-USA Face Plate - UK Face Plate - French



CL-FP-1201 CL-FP86-A1 CL-FP45-01

### Face Plate-USA Face Plate - UK Face Plate - French



CL-FP-1201 CL-FP86-A1 CL-FP45-01

## CATEGORY 5E CABLING SYSTEM

### Screened

<p>Cat.5e LAN Cable</p> <p>CL-24F-C5</p>	<p>Cat.5e Patch Cord</p> <p>CL-PCF01-C5</p>
<p>Cat.5e Patch Panel</p> <p>CL-P5324SR-C5E</p>	<p>Cat.5e Keystone Jack</p> <p>CL-KJ-C507</p>

### Face Plate-USA Face Plate - UK Face Plate - French



CL-FP-1201 CL-FP86-A1 CL-FP45-01

### Unscreened

<p>Cat.5e LAN Cable</p> <p>CL-24U-C5</p>	<p>Cat.5e Patch Cord</p> <p>CL-PCU01-C5</p>
<p>Cat.5e Patch Panel</p> <p>CL-P2524U-C5E</p>	<p>Cat.5e Keystone Jack</p> <p>CL-KJ-C505</p>

### Face Plate-USA Face Plate - UK Face Plate - French



CL-FP-1201 CL-FP86-A1 CL-FP45-01

# CATEGORY 3 CABLING SYSTEM









## Voice Series

<p><b>Cat.3 LAN Cable</b></p>  <p>Cat.3 25Pair</p>	<p><b>Distribution Box</b></p>  <p>CL-DB-50</p>			
<p><b>Cat.3 Patch Panel</b></p>  <p>CL-U50P-C303</p>	<p><b>Cat.3 Keystone Jack</b></p>  <p>CL-KJ-C304</p>			
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<p><b>Face Plate-USA</b></p>  <p>CL-FP-1201</p>	<p><b>Face Plate - UK</b></p>  <p>CL-FP86-A1</p>	<p><b>Face Plate - French</b></p>  <p>CL-FP45-01</p>		

## 110 Series

<p><b>Telecom Module</b></p>  <p>CL-TM10C-04</p>
<p><b>110 Wiring Block</b></p>  <p>CL-WBL-100</p>
<p><b>110 Wiring Connector</b></p>  <p>CL-CB-4 / CL-CB-5</p>

# FIBER OPTIC SYSTEM

<p><b>Fiber Optic Patch Cord</b></p>  <p>CL-PLCLC-OM4</p>	<p><b>Fiber Optic Pigtail</b></p>  <p>CL-PLC-OM3</p>	<p><b>Fiber Optic Adaptor</b></p>  <p>CL-ASCA-SMS</p>
<p><b>Fiber Optic Connector</b></p>  <p>CL-CLC-SMD</p>	<p><b>Fiber Patch Panel</b></p>  <p>CL-FPRD-24</p>	<p><b>Fiber Enclosure</b></p>  <p>CL-FEGP-H03</p>
<p><b>Fiber Cable</b></p>  <p>CLGYXTW</p>		<p><b>FTTH Terminal Box</b></p>  <p>CL-FTTH-0324</p>

# CATEGORY 7(600MHz) & 8(2000MHz) LAN CABLE

Email: sales@copperled.com Website: www.copperled.com

## Descriptions

- > Copperled Category 7 (Category 8) SFTP 10G (40G) Cable support high-speed Enterprise and Data Center applications.
- > Cables designed in Saw-tooth structure against Alien Crosstalk.
- > SFTP Cat.7 & 8 Cable double Shield Structured provides the highest level of security and protection for sensitive environments.
- > Combined with Un-shielded/Shielded Keystone, Patch Cords, and Patch panel, provides excellent compatible performance.

## Features

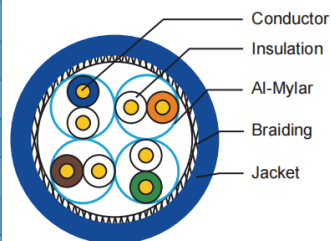
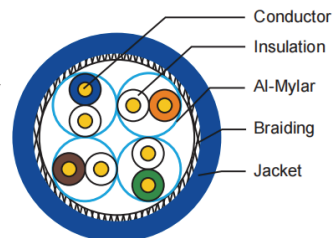
- > Independently tested and verified by ETL
- > 23AWG Bare solid copper conductor

## Standard

- > All proposed Category 7&8 requirements as per ANSI/TIA/EIA, ISO/IEC, and CENELEC EN Standards
- > ANSI/TIA-568.2-D, ISO/IEC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- > IEC 61156-5, CENELEC EN 50288-4-1 for Installation Cable
- > Flame Retardancy is verified according to IEC 60332-1-2.

## Technical Specifications

Construction	Value			
	P/N: CL-23F-C7		P/N: CL-23F-C8	
Conductors	AWG	23		23
	Size mm	S/FTP	0.570±0.02	S/FTP 0.596±0.02
	Material	Bare Copper		Bare Copper
Insulators	Diameter mm	S/FTP	1.38±0.05	S/FTP 1.45±0.05
	Material	Foam PE		Foam PE
Jacket	External O.D	S/FTP	7.7±0.50	S/FTP 8.20±0.50
	Thickness mm	S/FTP	0.5±0.05	S/FTP 0.55±0.05
	Material	PVC/LSZH		PVC/LSZH



P/N: CL-23F-C7  
S/FTP Cat.7 LAN Cable 23AWG 305M/Spool



P/N: CL-23F-C8  
S/FTP Cat.8 LAN Cable 23AWG 305M/Spool



# CATEGORY 6A UTP & FTP LAN CABLE 500MHz

Email: sales@copperled.com Website: www.copperled.com

## Descriptions

- > Copperled Category 6A UTP 10G Cable support high speed Enterprise and Data Center applications.
- > Cables designed in Saw-tooth structure to against Alien Crosstalk.
- > FTP Cat.6A Cable double Shield Structured provides highest level of security and protection for sensitive environments.
- > Combined with Un-Shielded/Shielded Keystone Jack, Patch Cords, and Patch Panel, it provides excellent compatible performance.

## Features

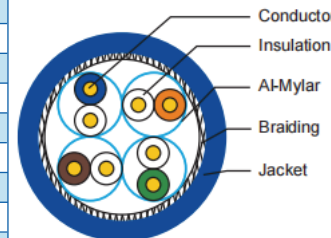
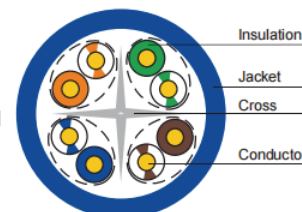
- > Independently tested and verified by ETL
- > 23AWG Bare solid copper conductor
- > Big Pulling Hole Packing Box Design

## Standard

- > All proposed Category 6A requirements as per ANSI/TIA/EIA, ISO/IEC, and CENELEC EN Standards
- > ANSI/TIA-568.2-D, ISO/IEC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- > IEC 61156-5, CENELEC EN 50288-4-1 for Installation Cable
- > Flame Retardancy is verified according to IEC 60332-1-2.

## Technical Specifications

Construction	Value		
	AWG	23	
Conductors	Size mm	UTP	0.574
		FTP	0.574
	Material	Bare Copper	
Insulators	Diameter mm	UTP	1.01±0.02
		FTP	1.09±0.02
	Material	Foam PE	
Jacket	External O.D	UTP	7.2±0.2
		FTP	7.4±0.2
	Thickness mm	UTP	0.65±0.05
		FTP	0.6±0.05
Material	PVC/LSZH		



P/N: CL-23U-C6A  
UTP Cat.6A LAN Cable 23AWG 305M/Box



P/N: CL-23F-C6A  
S/FTP Cat.6A LAN Cable 23AWG 305M/Spool





## CATEGORY 6 UTP & FTP LAN CABLE 250MHz

Email: sales@copperled.com Website: www.copperled.com

### Descriptions

- > Copperled Category 6 UTP & FTP 250MHz Cable be used to Upgrade Category 5e system, provide higher transmission, at least twice than Cat.5e.
- > Center Cross design to against the NEXT and provide more stable performance.
- > Big Pulling Hole Packing Box Design allowed installer to lay 10 Boxes in the meantime without jam issues.
- > Combined with Un-Shielded / Shielded Keystone Jack, Patch Cords, and Patch Panel, it provides excellent compatible performance.

### Features

- > Independently tested and verified by ETL
- > 23AWG Bare solid copper conductor
- > Big Pulling Hole Packing Box Design

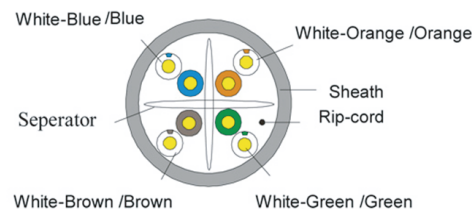
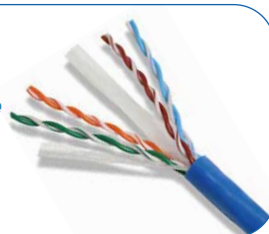
### Standard

- > All proposed Category 6 requirements as per ANSI/TIA/EIA, ISO/IEC, and CENELEC EN Standards
- > ANSI/TIA-568.2-D, ISO/IEC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- > IEC 61156-5, CENELEC EN 50288-4-1 for Installation Cable
- > Flame Retardancy is verified according to IEC 60332-1-2.

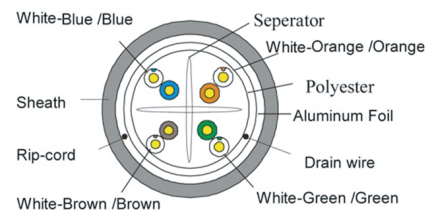
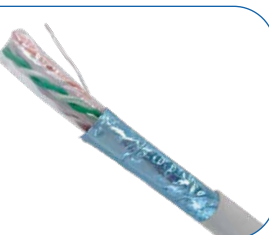
### Technical Specifications

Construction	Value	
Conductors	AWG	23
	Size mm	UTP 0.55
		FTP 0.57
Material	Bare Copper	
Insulators	Diameter mm	UTP 0.98±0.02
		FTP 1.09±0.02
Material	Foam PE	
Jacket	External O.D	UTP 6.0±0.2
		FTP 7.3±0.2
	Thickness mm	UTP 0.55
		FTP 0.56±0.05
Material	PVC/LSZH/PE	

P/N: CL-23U-C6  
UTP Cat.6 LAN Cable  
23AWG 305M/Box



P/N: CL-23F-C6  
FTP Cat.6 LAN Cable  
23AWG 305M/Box



## CATEGORY 5E UTP & FTP LAN CABLE 100MHz

Email: sales@copperled.com Website: www.copperled.com

### Descriptions

- > Copperled Category 5e UTP & FTP 100MHz Cable be used to Upgrade Category 5e system, provide higher transmission.
- > Big Pulling Hole Packing Box Design allowed installer to lay 10 Boxes in the meantime without jam issues.
- > Combined with Un-Shielded/Shielded Keystone Jack, Patch Cords, and Patch Panel, it provides excellent compatible performance.

### Features

- > Independently tested and verified by ETL
- > 24AWG Bare solid copper conductor
- > Big Pulling Hole Packing Box Design

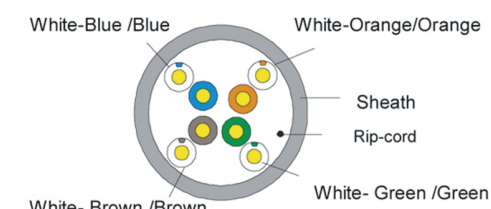
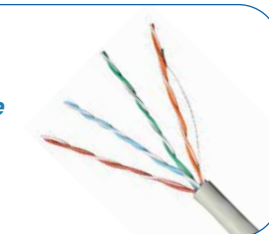
### Standard

- > All proposed Category 5e requirements as per ANSI/TIA/EIA, ISO/IEC, and CENELEC EN Standards
- > ANSI/TIA-568.2-D, ISO/IEC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- > IEC 61156-5, CENELEC EN 50288-4-1 for Installation Cable
- > Flame Retardancy is verified according to IEC 60332-1-2.

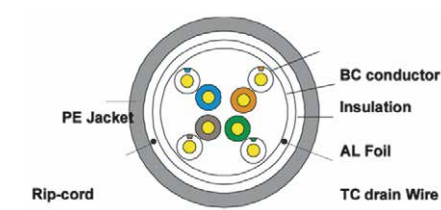
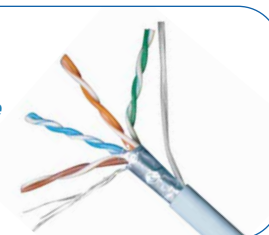
### Technical Specifications

Construction	Value	
Conductors	AWG	24
	Size mm	UTP 0.5
		FTP 0.515
Material	Bare Copper	
Insulators	Diameter mm	UTP 0.88±0.03
		FTP 0.93±0.03
Material	Foam PE	
Jacket	External O.D	UTP 5.0±0.03
		FTP 6.3±0.04
	Thickness mm	UTP 0.5±0.06
		FTP 0.55±0.07
Material	PVC/LSZH/PE	

P/N: CL-24U-C5  
UTP Cat.5e LAN Cable  
24AWG 305M/Box



P/N: CL-24F-C5  
FTP Cat.5e LAN Cable  
24AWG 305M/Box



## CATEGORY 7 & 8 PATCH CORD

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

### Descriptions

- > Copperled Category 8 cable supports a frequency of 2GHz (2000MHz) for up to 30 meters of 40G cabling.
- > Copperled Category 7 cable is ideal for switches, patch panels or other equipment in high-density data centers and large enterprise networks. It supports 10Gbps up to 100 meters while also capable of transmitting up to 40Gbps at 50 meters and even 100Gbps at 15 meters.

### Features

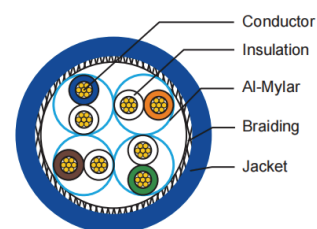
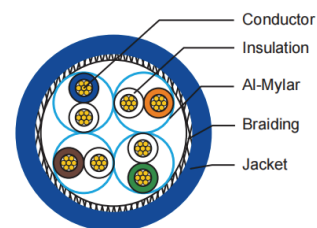
- > Independently tested and verified by ETL
- > Guaranteed to meet TIA 568.2-D standard and ISO / IEC 11801 specifications
- > Snag-less Protection Design
- > Various-Color options available

### Standard

- > All proposed Category 7&8 requirements as per ANSI / TIA/EIA, ISO/IEC, and CENELEC EN Standards
- > ANSI/TIA-568.2-D, ISO / IEC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- > IEC 61156-5, CENELEC EN 50288-4-1 for Installation Cable
- > Flame Retardancy is verified according to IEC 60332-1-2.

### Technical Specifications

Construction	Value				
	Cat.7		Cat.8		
Conductors	AWG	26		24	
	Size mm	SFTP	0.16±0.008	SFTP	0.2±0.008
	Material	Bare Copper		Bare Copper	
Insulators	Diameter mm	SFTP	0.97±0.06	SFTP	1.4±0.05
	Material	HDPE		HDPE	
Jacket	External O.D	6.0±0.2		8.0 ±0.3	
	Thickness mm	0.5		0.7±0.1	
	Material	PVC or LSZH		PVC or LSZH	
Tape(FTP)	Material	Overall Aluminum Foil Tape		Overall Aluminum Foil Tape	
	Coverage %	125		125	



## CATEGORY 6A UTP & FTP PATCH CORD

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

### Descriptions

- > Copperled Category 6A UTP Patch Cords made in flexible stranded conductor with Snag-less Booted Design easy to insert and remove cables in high density applications.
- > Combined with Un-Shielded 7, Keystone Jack, LAN Cable, and Patch Panel, it provides excellent compatible performance.

### Features

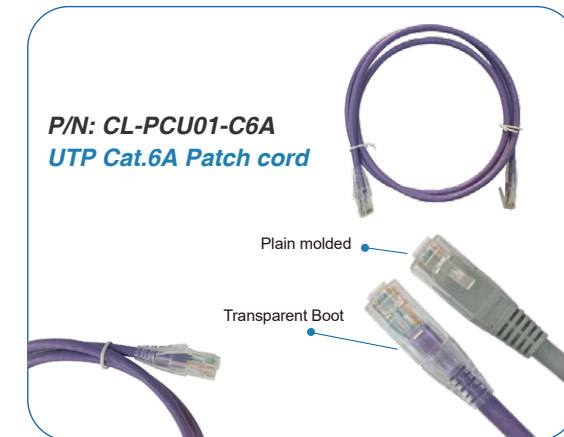
- > Independently tested and verified by ETL
- > Guaranteed to meet TIA 568.2-D standard and ISO/IEC 11801 specifications
- > Snag-less Protection Design
- > Various-Color options available

### Standard

- > All proposed Category 6A requirements as per ANSI/TIA/EIA, ISO/IEC, and CENELEC EN Standards
- > ANSI/TIA-568.2-D, ISO/IEC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- > IEC 61156-5, CENELEC EN 50288-4-1 for Installation Cable
- > Flame Retardancy is verified according to IEC 60332-1-2.

### Technical Specifications

Construction	Value		
	Conductors	AWG	UTP
FTP			26
Size mm		UTP	0.2±0.008
Insulators	Material	FTP	0.16±0.008
		Bare Copper	
Insulators	Diameter mm	UTP	0.98±0.05
		FTP	0.97±0.06
Jacket	Material	HDPE	
		External O.D	6±0.2
	Thickness mm	0.5	
Tape(FTP)	Material	PVC or LSZH	
		Material	Overall Aluminum Foil Tape
	Coverage %	125	



## CATEGORY 6 UTP & FTP PATCH CORD

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

### Descriptions

- > Copperled Category 6 UTP & FTP Patch Cords made in flexible stranded conductor with Snag-less Booted Design easy to insert and remove cables in high density applications.
- > Combined with Un-Shielded / Shielded Keystone Jack, LAN Cable, and Patch Panel, it provides excellent compatible performance.

### Features

- > Independently tested and verified by ETL
- > Guaranteed to meet TIA 568.2-D standard and ISO / IEC 11801 specifications
- > Snag-less Protection Design
- > Various-Color options available

### Standard

- > All proposed Category 6 requirements as per ANSI/TIA/EIA, ISO/IEC, and CENELEC EN Standards
- > ANSI/TIA-568.2-D, ISO/IEC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- > IEC 61156-5, CENELEC EN 50288-4-1 for Installation Cable
- > Flame Retardancy is verified according to IEC 60332-1-2.

### Technical Specifications

Construction	Value		
	Conductors	AWG	UTP
FTP			26
Size mm		UTP	0.2±0.008
		FTP	0.16±0.008
Material	Bare Copper		
Insulators	Diameter mm	UTP	0.98±0.05
		FTP	0.97±0.06
	Material	HDPE	
Jacket	External O.D	6±0.2	
	Thickness mm	0.5	
	Material	PVC or LSZH	
Tape(FTP)	Material	Overall Aluminum Foil Tape	
	Coverage %	125	

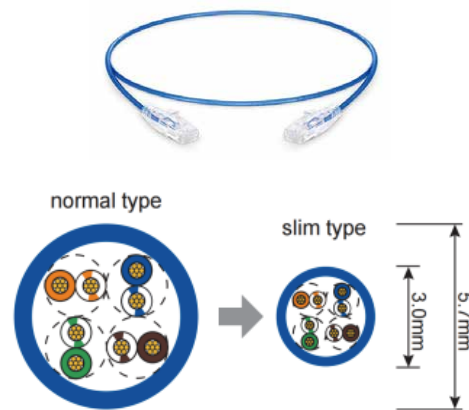
P/N: CL-PCU03-C6  
UTP Cat.6 Patch cord



P/N: CL-PCF01-C6  
FTP Cat.6 Patch cord



P/N: CL-PCU04-C6  
UTP Cat.6 28AWG Slim Patch cord  
with transparent boot (7\*0.12)



## CATEGORY 5E UTP & FTP PATCH CORD

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

### Descriptions

- > Copperled Category 5e U / FTP Patch Cords made in flexible stranded conductor with Plain molded Booted Design easy to insert and remove cables in high density applications.
- > Combined with Un-Shielded / Shielded Keystone Jack, LAN Cable, and Patch Panel, it provides excellent compatible performance.

### Features

- > Independently tested and verified by ETL
- > Guaranteed to meet TIA 568.2-D standard and ISO / IEC 11801 specifications
- > Plain molded Protection Design
- > Various color options available

### Standard

- > All proposed Category 5e requirements as per ANSI / TIA / EIA, ISO / IEC, and CENELEC EN Standards
- > ANSI / TIA-568.2-D, ISO / IEC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- > IEC 61156-5, CENELEC EN 50288-4-1 for Installation Cable
- > Flame Retardancy is verified according to IEC 60332-1-2.

### Technical Specifications

Construction	Value		
	Conductors	AWG	UTP
FTP			26
Size mm		UTP	0.2±0.008
		FTP	0.16±0.008
Material	Bare Copper		
Insulators	Diameter mm	UTP	0.98±0.05
		FTP	0.97±0.06
	Material	HDPE	
Jacket	External O.D	6±0.2	
	Thickness mm	0.5	
	Material	PVC or LSZH	
Tape(FTP)	Material	Overall Aluminum Foil Tape	
	Coverage %	125	

P/N: CL-PCU01-C5  
UTP Cat.5e Patch cord



P/N: CL-PCF01-C5  
FTP Cat.5e Patch cord





# MODULAR BOOTS

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

Insert-molded boots have a snag-free feature that protects the modular connector, while the slim-profile boot allows for connection to the highest-density equipment. The boots protect against damage to the connector latch and help maintain the proper bend radius of the cable to insure performance.

## Main Types for Shielded Patch Cord



Type A  
Plain Molded Boot



Type B  
Ligule Molded Boot



Type C  
Clear Molded Boot

## Main Types for Unshielded Patch Cord



Type A  
Plain Molded Boot



Type B  
Ligule Molded Boot



Type C  
Ligule Molded Boot



Type D  
Cap Molded Boot



Type E  
Clear Molded Boot

# FIELD MODULE PLUG

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)



P/N: CL-IPF-C8  
Cat.8 RJ45 STP Field Module Plug



P/N: CL-IPU-C6A  
Cat.6A UTP RJ45 Field Module Plug



P/N: CL-IPF-C6A  
Cat.6A STP RJ45 Field Module Plug



P/N: CL-IPF-C6AI  
Cat.6A STP RJ45 Field Module Plug 2 Ends Connection



P/N: CL-IPF-C6AS-2  
Cat.6A STP RJ45 Field Module Plug Sleeve



P/N: CL-IPU-C6  
Cat.6 UTP RJ45 Field Module Plug



P/N: CL-IPF-C6  
Cat.6 STP RJ45 Field Module Plug

# CATEGORY 6A UTP & FTP PATCH PANEL

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

The Cat.6A Patch Panel is a fully loaded patch panel designed to be used within the 10G System with the transmitting capability to 500MHz. It also can offer different port versions, from 12 ports to 96 ports and height from half U to 4U.

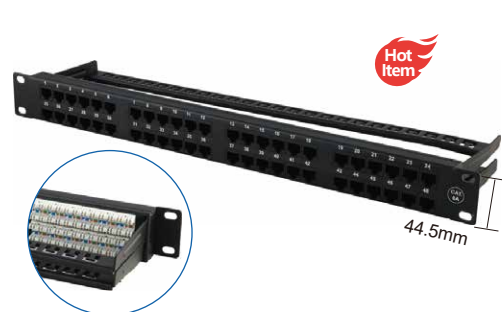
Category 6A patch panels are suitable for 22-26AWG stranded and solid wire, compatible with both 110 & Krone punch down tools. Copperled patch panels have improved Cable Management with optional Cable Management bar terminating 4 pair LAN cable. They are complied with the ANSI / TIA / EIA-TIA 568.2-D standard.



P/N: CL-U24P-C6A04



P/N: CL-U24P-C6A01



P/N: CL-U48P-C6A01



P/N: CL-U24P-C6A02



P/N: CL-U24P-C6A03



P/N: CL-F24P-C6A01

# CATEGORY 6A UTP & FTP PATCH PANEL

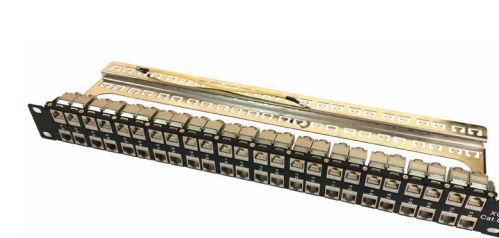
Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)



P/N: CL-F24P-C6A02



P/N: CL-F48P-C6A01



P/N: CL-F48P-C6A02

## Technical Specifications

	Unshielded	Shielded
Panel Height	0.5U/1U/2U/4U	0.5U/1U
Panel Port	12/24/48/96	8/12/24/48
Panel Style	Loaded	Loaded
Housing Material	SPCC + Plastic	SPCC Plating+Plastic
Termination	IDC	
Wiring Scheme	T568A/T568B	
Type of Patch Panel	Flat/Angled	
Insertion Life	750 cycles	
IDC Wire Gauge	22-26 AWG	
IDC Life	250 times	
Pin Material	Phosphor bronze with golden plated	
Micron Gold Contact	3μ/6μ/15μ/30μ/50μ	
IDC Clip Material	Tinned phosphor bronze	
Transmit Capacity	500MHz	

## Order Infomations

CL-U24P-C6A04	UTP Cat.6A Patch Panel 24 Port with Lock Type Cable Manager
CL-U24P-C6A01	UTP Cat.6A Patch panel 24Port Krone IDC
CL-U48P-C6A01	UTP 1U Cat.6A Patch Panel 48Port with Back Bar 110 or Dual Use IDC
CL-U24P-C6A02	UTP 0.5u Cat.6A Patch Panel 24Port
CL-U24P-C6A03	UTP 0.5u Cat.6A Patch Panel 24Port with Back Bar
CL-F24P-C6A01	FTP 0.5u Cat.6A Patch Panel 24Port Krone IDC
CL-F24P-C6A02	FTP Cat.6A Patch Panel 24Port
CL-F48P-C6A01	FTP 1U Cat.6A 48Port Patch Panel
CL-F48P-C6A02	FTP 1U Cat.6A Modular Patch Panel 48Port with Back Bar

## CATEGORY 6 UTP & FTP PATCH PANEL

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

The Cat.6 Patch Panel, an unsung hero, is the most important cable management tool of the data center with the transmitting capability to 250MHz. When you want to connect a vast number of devices to a central server or other network hardware, there must be plenty of various cables, and you have to plan each thing out properly. It's always smart to use a patch panel to help you manage the cables and keep your server room organized.

Category 6 patch panels are suitable for 22-26AWG stranded and solid wire, compatible with both 110 & Krone punch down tools. Copperled patch panels have improved Cable Management with optional Cable Management bar terminating 4 pair LAN cable. They are complied with the ANSI / TIA / EIA-568.2-D standard.



P/N: CL-U12P-C601



P/N: CL-U12P-C602



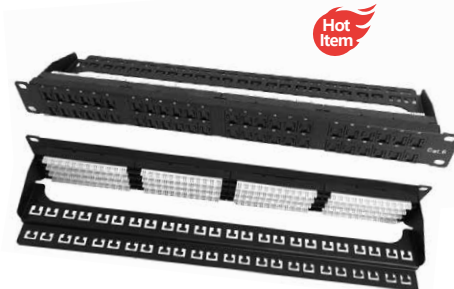
P/N: CL-U24P-C601



P/N: CL-U24P-C602



P/N: CL-U48P-C601



P/N: CL-U48P-C602

## CATEGORY 6 UTP & FTP PATCH PANEL

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)



P/N: CL-U24P-C606



P/N: CL-24PS-C601



P/N: CL-24PS-C602

### Technical Specifications

	Unshielded	Shielded
Panel Height	0.5U/1U/2U/4U	0.5U/1U
Panel Port	12/24/48/96	8/12/24/48
Panel Style	Loaded	Loaded
Housing Material	SPCC + Plastic	SPCC Plating + Plastic
Termination	IDC	
Wiring Scheme	T568A/T568B	
Type of Patch Panel	Flat/Angled	
Insertion Life	750 cycles	
IDC Wire Gauge	22-26 AWG	
IDC Life	250 times	
Pin Material	Phosphor bronze with golden plated	
Micron Gold Contact	3μ/6μ/15μ/30μ/50μ	
IDC Clip Material	Tinned phosphor bronze	
Transmit Capacity	250MHz	

### Order Informations

CL-U12P-C601	UTP Cat.6 Patch Panel, 12 Port Dual Use IDC
CL-U12P-C602	UTP Cat.6 Patch Panel 12Port Wall Mounted Type
CL-U24P-C601	UTP Cat.6 Patch Panel, 24 Port Dual Use IDC with Back Bar
CL-U24P-C602	UTP Cat.6 Patch Panel 24Port Tool Free
CL-U48P-C601	UTP Cat.6 Patch Panel 48Port Dual Use IDC with Back Bar
CL-U48P-C602	UTP Cat.6 1U 48Port Patch Panel with Back Bar with Dust-proof Cover
CL-U24P-C606	UTP Cat.6 Patch Panel 24 port with lock type cable manager
CL-24PS-C601	FTP Cat.6 Patch Panel, 24Port Krone IDC
CL-24PS-C602	FTP 0.5u Cat.6 Patch Panel Krone IDC



## CATEGORY 5E PATCH PANEL

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

Copperled Cat.5e Patch Panel equipped with individual, fully modular printed circuit boards (PCBs) and a rear cable manager 1.with the transmitting capability to 100MHz. which designed with 6 port and 8 port module grouping that may have 8, 12, 24, or 48 ports totally. With this high-density design, Cat.5e panel has the ability to greatly save valuable rack space, maximize the performance of your network, and keep up with the growing changes of your network.



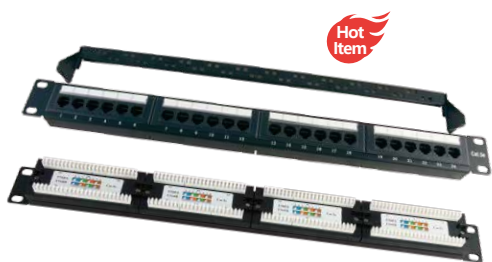
P/N: CL-P2512W-C5E



P/N: CL-P2512U-C5E



P/N: CL-P2616U-C5E



P/N: CL-P2524U-C5E



P/N: CL-P2548U-C5E



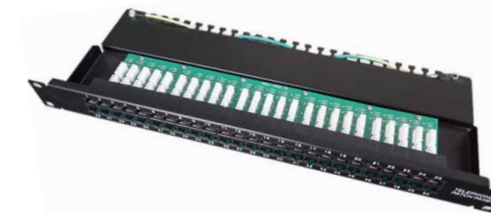
P/N: CL-P5324SR-C5E

## CATEGORY 3 PATCH PANEL

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)



P/N: CL-U25P-C303



P/N: CL-U50P-C303

### Technical Specifications

	Unshielded	Shielded
Panel Height	0.5U/1U/2U/4U	0.5U/1U
Panel Port	12/24/48/96	8/12/24/48
Panel Style	Loaded	Loaded
Housing Material	SPCC + Plastic	SPCC Plating + Plastic
Termination	IDC	
Wiring Scheme	T568A/T568B	
Type of Patch Panel	Flat/Angled	
Insertion Life	750 cycles	
IDC Wire Gauge	22-26 AWG	
IDC Life	250 times	
Pin Material	Phosphor bronze with golden plated	
Micron Gold Contact	3μ/6μ/15μ/30μ/50μ	
IDC Clip Material	Tinned phosphor bronze	
Transmit Capacity	100MHz	

### Order Infomations

CL-P2512W-C5E	UTP Cat.5e Patch Panel 12Port Wall Mounted
CL-P2512U-C5E	UTP Cat.5e Patch panel 12Port
CL-P2616U-C5E	UTP Cat.5e Patch Panel 16Port 110IDC
CL-P2524U-C5E	UTP Cat.5e Patch Panel 24Port 110IDC with Back Bar
CL-P2548U-C5E	UTP Cat.5e Patch Panel 48Port Dual Use IDC with Back Bar
CL-P5324SR-C5E	FTP Cat.5e Patch Panel 24Port Krone IDC
CL-U25P-C303	UTP Cat.3 Telephone panel 25Port
CL-U50P-C303	UTP Cat.3 Telephone panel 50Port

# UTP EMPTY PATCH PANEL

Email: sales@copperled.com Website: www.copperled.com

The Empty Patch Panel often refers to an unloaded patch panel or know as a blank patch panel or modular patch panel even a keystone jack patch panel, different from a loaded patch panel with built-in RJ45 ports, the empty patch panel is designed with 24 / 48 reserved holes. The empty slots allow one to install different keystone jackets, the empty patch panel also can terminate different cables while different connectors fit on, and one same patch panel enables several types of cables to be connected. Copperled Empty Patch Panel often available in 24 port 1U 48 port 2U and high-density 48 Port 1U, both in straight and angled type, designed to accommodate keystone jacks such as Cat.5e, Cat.6, Cat.6A and Cat.8.



Below any type of keystone jacks are well fit for all of above patch panels



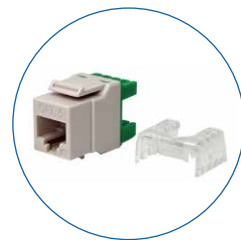
CL-KJU-C604



CL-KJU-C617



CL-KJU-C619



CL-KJU-C621

# UTP EMPTY PATCH PANEL

Email: sales@copperled.com Website: www.copperled.com



## Technical Specifications

	Unshielded
Panel Height	0.5U/1U/2U/4U
Panel Port	12/24/48/96
Panel Style	Unloaded
Housing Material	SPCC + Plastic
Termination	RJ45 Keystone Jack
Wiring Scheme	T568A/T568B
Type of Patch Panel	Flat/Angled
Insertion Life	10000+ cycles

## Order Informations

CL-U24P-BP11	UTP Empty 1U Patch Panel with Cable Manager New Type
CL-U24P-BP08	UTP Blank Patch Panel 24Port with Back Bar (Matt Surface)
CL-U24P-BP05	UTP Blank Patch Panel 24Port with Back Bar
CL-U24P-BP02	UTP Blank Patch Panel 24Port with Back Bar
CL-U24P-BP06	UTP Blank Patch Panel 24Port with Dust Cover
CL-U24P-BP07	UTP Crossed Blank Patch Panel 24Port with Back Bar
CL-U48P-BP01	UTP Cat.6 1U 48Port Empty Patch Panel with Back Bar
CL-U24P-BP03	UTP Blank Patch Panel 24Port without Back Bar
CL-U24P-BP09	UTP 1U 24 Port Improved Angled Patch Panel
CL-U48P-BP02	UTP 2U Blank 48Port Angled Patch Panel





# LOADED PATCH PANEL

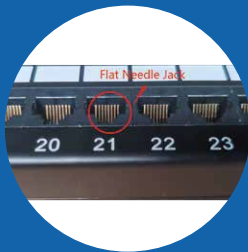
Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

## Features & Advantage

1. This NEW model of patch panel is high cost-effective with superior test performance. (Link permanent link NEXT margin values are 5-7dB)
2. The PCB components are embedded as a whole, and the structure is more firm and reliable
3. It could pass the most stringent four-node test and short LINK test successfully.
4. Using flat Pin JACK, the overall shape is more elegant and beautiful, and the thickness and color of gilding are better than round Pins Jack.
5. Different from the traditional cable manager, the new lock catch design type, helps the cables can be fixed properly according to different size of Cable OD.
6. Cat.6 & Cat.6A are available.



P/N: CL-U24P-C606 (CL-U24P-C6A04)  
UTP Cat.6 Patch Panel 24 port with lock type cable manager.



LINKWARE PC  
LinkWare PC Comment

Cable ID: CL-U24P-C606  
Date: 2023-03-10 10:28:08 PM  
Hardware: E, 05, INPT, 26420  
Test Cable: 1000000, 100, 1000, 10000  
Link Type: Cat 6 UTP  
Test Method: 1000000, 100, 1000, 10000  
Test Results: 0.02, 0.02, 0.02, 0.02  
Pass Rate: 100%

Test Summary: PASS

Item	Unit	Value	Pass
Length (m)	m	29.1	Pass
Pair 100	dB	41	Pass
Pair 400	dB	41	Pass
Pair 1000	dB	41	Pass
Pair 2000	dB	41	Pass
Pair 3000	dB	41	Pass
Pair 4000	dB	41	Pass
Pair 5000	dB	41	Pass
Pair 6000	dB	41	Pass
Pair 7000	dB	41	Pass
Pair 8000	dB	41	Pass
Pair 9000	dB	41	Pass
Pair 10000	dB	41	Pass
Pair 11000	dB	41	Pass
Pair 12000	dB	41	Pass
Pair 13000	dB	41	Pass
Pair 14000	dB	41	Pass
Pair 15000	dB	41	Pass
Pair 16000	dB	41	Pass
Pair 17000	dB	41	Pass
Pair 18000	dB	41	Pass
Pair 19000	dB	41	Pass
Pair 20000	dB	41	Pass
Pair 21000	dB	41	Pass
Pair 22000	dB	41	Pass
Pair 23000	dB	41	Pass
Pair 24000	dB	41	Pass

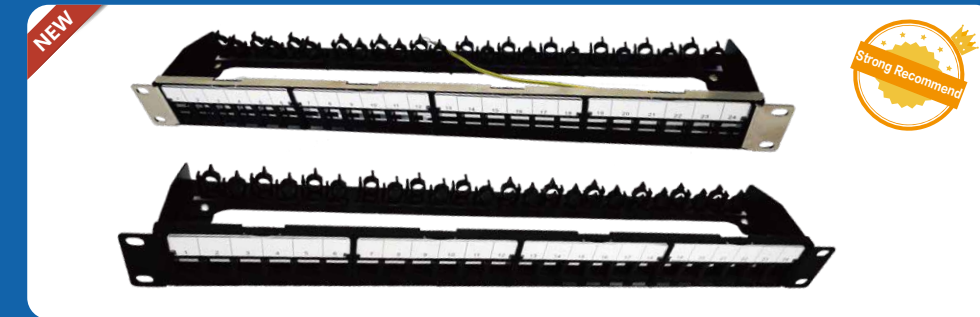
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FLIKE NETWORKS

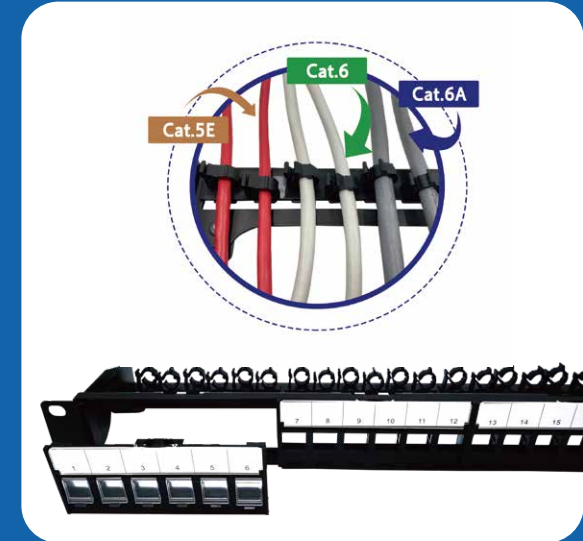
# EMPTY PATCH PANEL

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

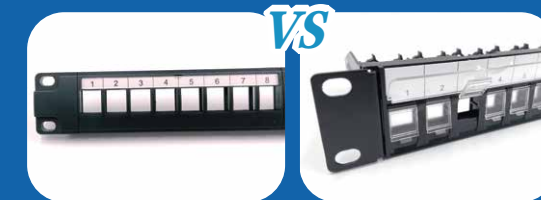
This Patch Panel was improved comparing with old model as follows:



P/N: CL-F24P-BP07 (CL-U24P-BP11)  
FTP Empty 1U 24 ports Patch Panel with Cable Manager



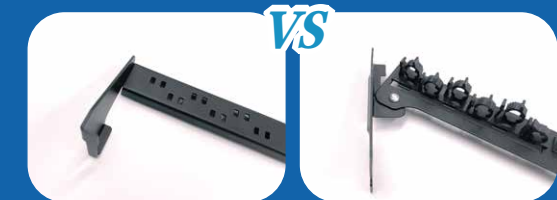
Offers front access including jack pockets for easy identification.



The sticker with more blank space to mark data.  
Dust cover is optional.



The Up and Down locks design accepts Cat 5e, Cat.6, Cat 6A cables, helpful to faster installation.



Folded design solution to save freight charge.

# CABLE MANAGER

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

NEW



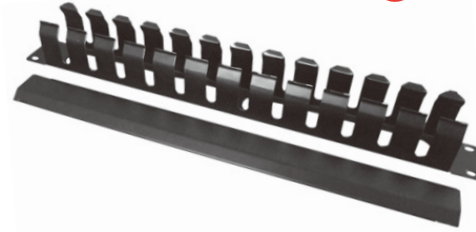
P/N: CL-CM4-1U  
Cable manager Metal 1U with flip cover

Hot Item



P/N: CL-CMP-1U  
Cable Management, Plastic 1U 2U is available

Hot Item



P/N: CL-CM3-1U  
Cable Management, Metal 13 fingers 1U



P/N: CL-CM4-1U  
Cable Management, Metal

Hot Item



P/N: CL-CMD-1U  
Cable Management, Metal D-ring 1U



P/N: CL-CM2-1U  
Cable Management, Metal



P/N: CL-CMD-2U  
Cable Management, Metal D-ring 2U

# WIRING BLOCK

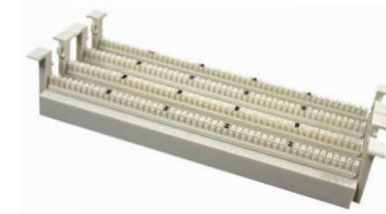
Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)



P/N: CL-WB-50  
Wiring Blocks, 50Pair without legs



P/N: CL-WBR-100  
Wiring Block 100Pair 19" Rack mounted



P/N: CL-WB-100  
Wiring Blocks 100Pair Without legs



P/N: CL-WBR-200  
Wiring Blocks, 200Pair 19" Rack mounted



P/N: CL-WBL-50  
Wiring Block 50 Pair With Legs



P/N: CL-WBL-100  
Wiring Blocks 100Pair With legs



P/N: CL-CB-4  
Connection Block 4Pair



P/N: CL-CB-5  
Connection Block 5Pair

# CATEGORY 8 KEYSTONE JACK

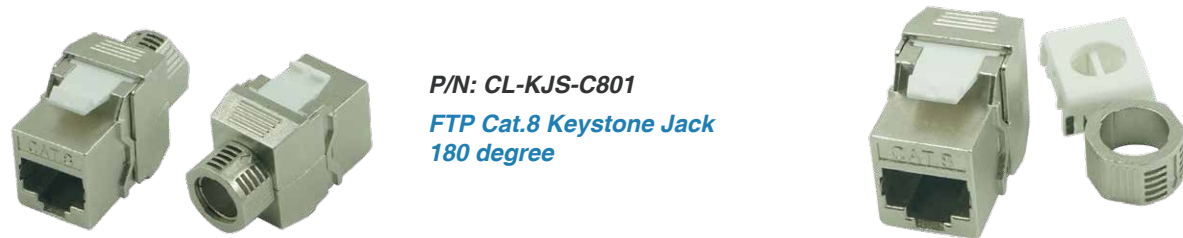
Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

Copperled full metal RJ45 shielded for Category 8 Keystone Jack; Robust die-cast housing provides superior shielding and mitigates alien crosstalk; It supports 22 to 24 AWG shielded wire with an outside diameter between 5.5 and 9.0mm.

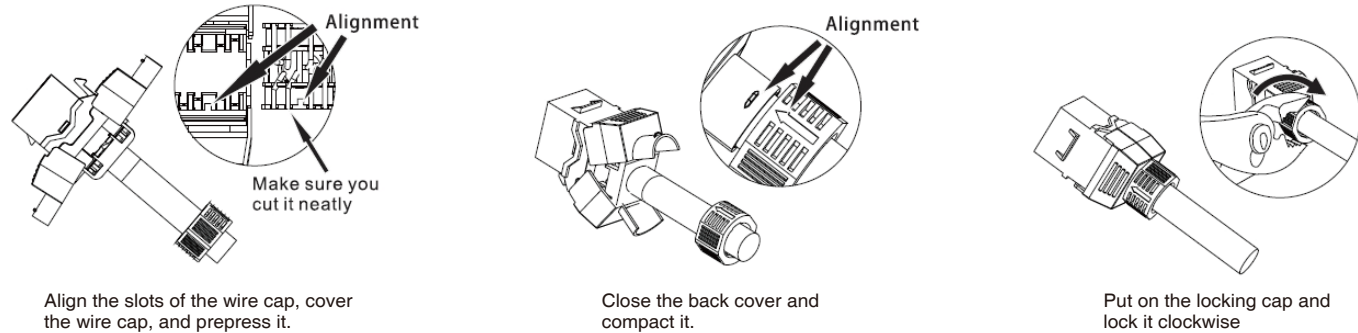
Cat.8 Keystone Jack in an RJ45 keystone jack 40GBASE-T channel compliant network up to 30 meters.

Copperled Cat.8 Keystone Jack could load to our 1U 24 Port or 1U high-density 48 Port empty patch keystone jack panel properly.

It supports IEC 60603-7-4 and complied with ANSI / TIA EIA-568-D.2 standard.



**P/N: CL-KJS-C801**  
**FTP Cat.8 Keystone Jack**  
**180 degree**



# CATEGORY 6A KEYSTONE JACK

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

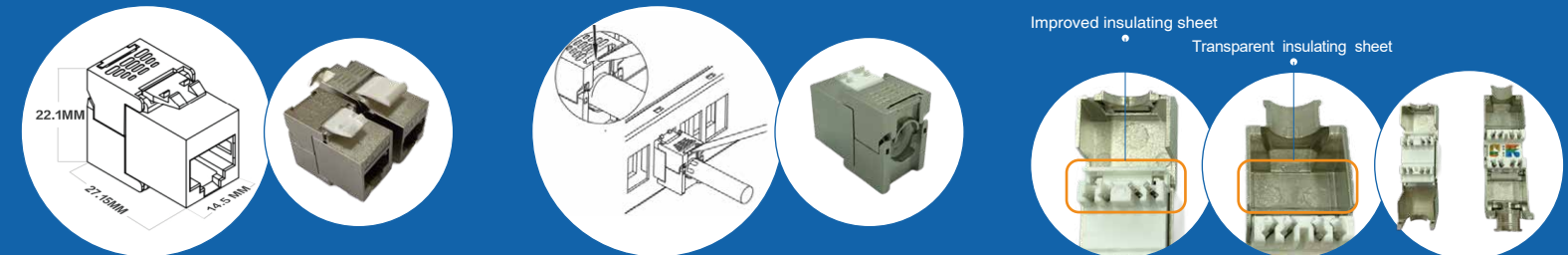
## Top Choice of Mini-size FTP Keystone Jack.

Copperled new released Mini size shielded Cat.6A Keystone Jack, the length is as short as 27.15mm, which enable it could use in the narrow space widely, such as 86 back box, especially Germany type of back box. The shielded movable platen design for up cover help the cable can be fasten quickly and easily without cable tie.

What' more, the exquisite housing with higher cost investment make it deserve to try!



**P/N: CL-KJ-C6A17**  
**FTP Cat.6A Keystone Jack 180 degree**



1. Mini size design goes space-saving and compatible with all Copperled's high density patch panels.

2. Shielding Platen design, the special design without cable tie could help to speed up the 30% installation work, and reduce the labor cost.

3. Improved design of Insulation sheet





# CATEGORY 6A UTP & FTP KEYSTONE JACK

Email: sales@copperled.com Website: www.copperled.com

Copperled Cat.6A Keystone Jacks comes in two versions: Unshielded and Shielded.

Suitable for 22-26 AWG stranded and solid wire, compatible with both 110 & Krone punch down tools. Also the 180 degree toolless are for option, It fit in blank patch panel & supports IEC 60603-7-4 and complied with ANSI / TIA EIA-568-D.2 standard.



# CATEGORY 6A UTP & FTP KEYSTONE JACK

Email: sales@copperled.com Website: www.copperled.com



## Technical Specifications

	Unshielded	Shielded
Application	Unshielded twisted pair (UTP)	Shielded twisted pair (FTP)
Data Rate Support	1000BASE-T	1000BASE-T
Housing Material	PC UL94V-0	Zinc Alloy
Color	Common White&Black Other colors are avialble	Metal silver
Transmit Capacity	500MHz	
Conductor Gauges	22-26AWG cable	
IDC Clip Material	Tinned phosphor bronze	
Wiring Scheme	T568A/T568B	
Punching Duration	250 times	
Termination Type	Toolless/ with tool	
Connector	RJ45 female	
Insertion Life	750 cycles minimum	
Pin Material	Phosphor bronze with golden plated	
Micron Gold Contact	3μ/6μ/15μ/30μ/50μ	
Warranty	25years	
Conformance	ISO/IEC 11801:2002, EIA/TIA568B.2-1:2002, RoHS	

## Order Infomations

CL-KJ-C6A16	UTP Cat.6A Keystone Jack 180 degree
CL-KJ-C6A15	UTP Cat.6A Keystone Jack 90 degree
CL-KJ-C6A03	UTP Cat.6A Keystone Jack 180 degree
CL-KJ-C6A04	UTP Cat.6A Keystone Jack 180 degree black color
CL-KJ-C6A06	UTP Cat.6A Toolless Keystone Jack 180 degree
CL-KJU-C6A08	UTP Cat.6A toolless Keystone Jack 90 degree
CL-KJ-C6A05	UTP Cat.6A Inline Coupler
CL-KJU-C6A19	UTP Cat.6A Inline Coupler
CL-KJ-C6A17	FTP Cat.6A Keystone Jack 180 degree
CL-KJ-C6A13	FTP Cat.6A Keystone Jack with dust shutter
CL-KJ-C6A11	FTP Cat.6A Keystone Jack 180 degree
CL-KJ-C6A01	FTP Cat.6A Keystone Jack 180 degree
CL-KJ-C6A02	FTP Cat.6A Keystone Jack 180 degree
CL-KJ-C6A14	FTP Cat.6A Inline Coupler Angled
CL-KJ-C6A12	FTP Cat.6A Inline Coupler

# CATEGORY 6 UTP & FTP KEYSTONE JACK

Email: sales@copperled.com Website: www.copperled.com

Copperled Cat.6 Keystone Jack comes in two versions: Unshielded and Shielded.

Suitable for 22-26 AWG stranded and solid wire, with tool & toolless 90 degree & 180 degree available, what's more, the LED type & RJ45-RJ45 Inline Coupler type for choice.

It supports IEC 60603-7-4 and complied with ANSI / TIA EIA-568-D.2 standard.



# CATEGORY 6 UTP & FTP KEYSTONE JACK

Email: sales@copperled.com Website: www.copperled.com



## Technical Specifications

	Unshielded	Shielded
Application	Unshielded twisted pair (UTP)	Shielded twisted pair (FTP)
Data Rate Support	1000BASE-T	1000BASE-T
Housing Material	PC UL94V-0	Zinc Alloy
Color	Common White&Black Other colors are available	Metal silver
Transmit Capacity	250MHz	
Conductor Gauges	22-26AWG cable	
IDC Clip Material	Tinned phosphor bronze	
Wiring Scheme	T568A/T568B	
Punching Duration	250 times	
Termination Type	Toolless/ with tool	
Connector	RJ45 female	
Insertion Life	750 cycles minimum	
Pin Material	Phosphor bronze with golden plated	
Micron Gold Contact	3μ/6μ/15μ/30μ/50μ	
Warranty	25years	
Conformance	ISO/IEC 11801:2002, EIA/TIA568B.2-1:2002, RoHS	

## Order Informations

CL-KJU-C621	UTP Cat.6 Keystone Jack 180 degree Green Color
CL-KJU-C604	UTP Cat.6 Keystone Jack 180 degree
CL-KJU-C601	UTP Cat.6 Keystone Jack 90 degree
CL-KJU-C6L1	UTP Cat.6 Keystone Jack
CL-KJU-C617	UTP Cat.6 Keystone Jack 180 degree black
CL-KJU-C618	UTP Cat.6 LED Keystone Jack 180 degree
CL-KJU-C619	UTP Cat.6 Keystone Jack 180 degree White color
CL-KJU-C603	UTP Cat.6 Keystone Jack 180 degree
CL-KJU-C614	UTP Cat.6 Keystone Jack 90 degree
CL-KJU-C615	UTP Cat.6 Keystone Jack 90 degree toolless
CL-KJU-C605	UTP Cat.6 Keystone Jack 180 degree
CL-KJU-C606	UTP Cat.6 Keystone Jack 180 degree
CL-KJU-C610	UTP Cat.6 Keystone Jack 180 degree
CL-KJU-C612	UTP Cat.6 Keystone Jack 180 degree
CL-KJU-C616	Cat.6 Inline Coupler
CL-KJS-C609	FTP Cat.6 Keystone Jack 180 degree
CL-KJS-C607	FTP Cat.6 Keystone Jack 90 degree

# CATEGORY 5E & CATEGORY 3 KEYSTONE JACK

Email: sales@copperled.com Website: www.copperled.com

Cat.5e Keystone Jacks are an integral part of any high-speed voice, data, or video network. These standardized female connectors are used for inserting multi-conductor Ethernet cable into wall plates, patch panels, or surface mount boxes.

The Cat.3 Keystone Jack is also called Telephone Keystone Jack, it's a prime component of any telecommunication network.



P/N: CL-KJU-C5L4



P/N: CL-KJ-C505



P/N: CL-KJ-C518



P/N: CL-KJ-C5F9

## Technical Specifications

	Unshielded	Shielded
Application	Unshielded twisted pair (UTP)	Shielded twisted pair (FTP)
Data Rate Support	1000BASE-T	1000BASE-T
Housing Material	PC UL94V-0	Zinc Alloy
Color	Common White&Black Other colors are available	Metal silver
Transmit Capacity	100MHz	
Conductor Gauges	22-26AWG cable	
IDC Clip Material	Tinned phosphor bronze	
Wiring Scheme	T568A/T568B	
Punching Duration	250 times	
Termination Type	Toolless/ with tool	
Connector	RJ45 female	
Insertion Life	750 cycles minimum	
Pin Material	Phosphor bronze with golden plated	
Micron Gold Contact	3μ/6μ/15μ/30μ/50μ	
Warranty	25years	
Conformance	ISO/IEC 11801:2002, EIA/TIA568B.2-1:2002, RoHS	



P/N: CL-KJ-C301



P/N: CL-KJ-C3T02



P/N: CL-KJ-C303



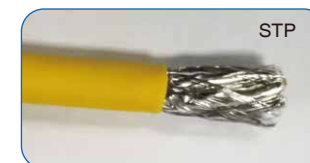
P/N: CL-KJ-C304

## Order Informations

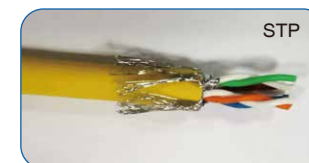
CL-KJU-C5L4	UTP Cat.5e Keystone Jack
CL-KJ-C505	UTP Cat.5e Keystone Jack 90 degree
CL-KJ-C518	UTP Cat.5e Keystone Jack 180 degree
CL-KJ-C5F9	FTP Cat.5e Keystone Jack 90 degree
CL-KJ-C301	Cat.3 6P4C Keystone Jack, Toolless
CL-KJ-C3T02	UTP Cat.3 6P4C Keystone Jack, Toolless
CL-KJ-C303	UTP Cat.3 6P4C Keystone Jack
CL-KJ-C304	UTP Cat.3 6P4C Keystone Jack

# UTP/FTP KEYSTONE JACK INSTALLATION INSTRUCTIONS

Email: sales@copperled.com Website: www.copperled.com



STP



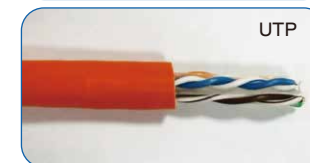
STP



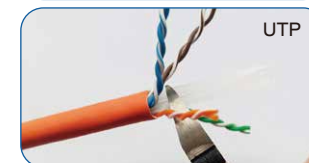
4-STP. Setting the wire pairs into the correct position according to the wiring configuration 568 A or B.



UTP. Setting the wire pairs into the correct position according to the wiring configuration 568 A or B.



UTP



UTP



1.Stripping off the cable jacket about 2-3 cm from the end.

2.Cut off the excess.

3.Placing the cable into the IDC cover.



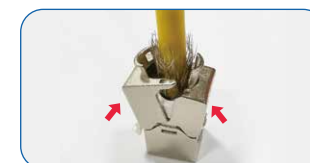
5.Cutting off the excess wires, ensure no wires exceed the edge of plastic cover.



6.Align the IDC cover according to the line position indication.



7.Pushing the IDC cover into the housing in right direction, please notice when pressing in, IDC cover should aligns with the housing firmly.



8.Closing the cap to press the IDC cover into the housing.



9.Locking the rear cap with the cable tie.



# FACEPLATE

Email: sales@copperled.com Website: www.copperled.com

**120 Type Faceplate**



P/N: CL-FP12-01      P/N: CL-FP12-02

**American Type Faceplate**




P/N: CL-FP-1201      P/N: CL-FP-1202      P/N: CL-FP-1203      P/N: CL-FP-1204

**86 Type Faceplate**



P/N: CL-FP86-A1      P/N: CL-FP86-A2      P/N: CL-FP86-A4      CL-FP86-A5      CL-FP86-A6

**UK Type Faceplate**




P/N: CL-FPUK-01      P/N: CL-FPUK-02

# FACEPLATE/ MOUNTING BOX

Email: sales@copperled.com Website: www.copperled.com

**Faceplate Franch Type**



P/N: CL-FP45-01      P/N: CL-FP45-02  
45\*22.5 Faceplate 1Port      45\*45 Faceplate 2Port

**Mounting Box**




P/N: CL-MB-01      P/N: CL-MB-02  
Mounting box 1Port      Mounting box 2Port

**Back Box**



P/N: CL-F86B-XX      P/N: CL-F12B-XX  
86 Type back box      120 Type back box

**FTP Cat.5e Mounting Box**




P/N: CL-MB-03      P/N: CL-MB-05  
FTP Cat.5e Mounting box 1Port      FTP Cat.5e Mounting box 2Port

**45\*45 Socket (Red , White Color )**



P/N: CL-SK45-XX

**UTP Cat.5e Mounting Box**



P/N: CL-MB-04      P/N: CL-MB-06  
UTP Cat.5e Mounting box 1Port      UTP Cat.5e Mounting box 2Port

# NETWORKING CABINET WALL MOUNTED

Email: sales@copperled.com Website: www.copperled.com

## Descriptions

- > The double section provides an easy access to the cabinet to the rear of all Mounted Cabinets. A swing frame construction adds to the flexibility of operation and maintenance.

## Features

- > Variety of heights
- > 600mm wide body
- > Generous Cable access knockouts in top and bottom of back mount
- > With tempered glass locking doors
- > The door can be quickly removed on site for easy cabinet installation, and can be rehinged from either side (no tools are required)
- > Mounting Panel on the rear, easily installing
- > Inside lock
- > Quickly removable side door
- > Installation can be optional for standing or wall mounting
- > Feet and castors can be provided for standing installation
- > Adjustable mounting rails front and back
- > Side Lock
- > Material: -Thickness: Mounting profile: 1.5mm; Other: 1.2mm; SPCC quality cold rolled steel
- > Loading Capacity: Stalic loading: 60kg
- > Degree of protection: IP20
- > Surface finish: Degreasing, Pickling, Phosphating, Powder Coated

## Standard

- > Comply with ANS/EIA RS-310-D, IEC 297-2, DIN41491, PART1, DIN41491, PART7, ETSI Standard.

## Technical Specifications

Cabinet Size	WidthxDepthxHeight
6U	600x550x370 mm
9U	600x550x500 mm
12U	600x550x635 mm
15U	600x550x770 mm



Installing back panel

Side panel

Mounting angle



Mounting profile

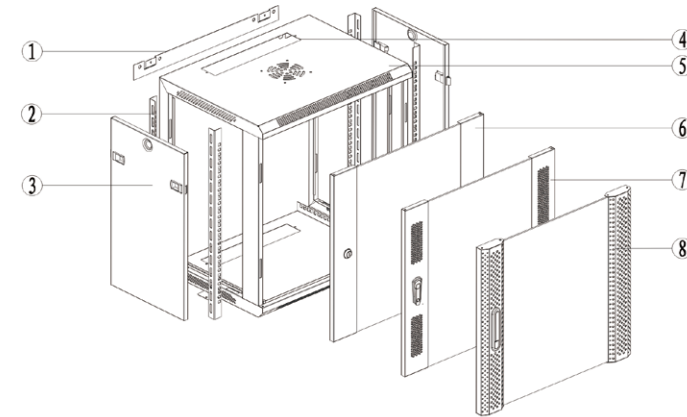
Optional lock

Cable entry

# NETWORKING CABINET WALL MOUNTED

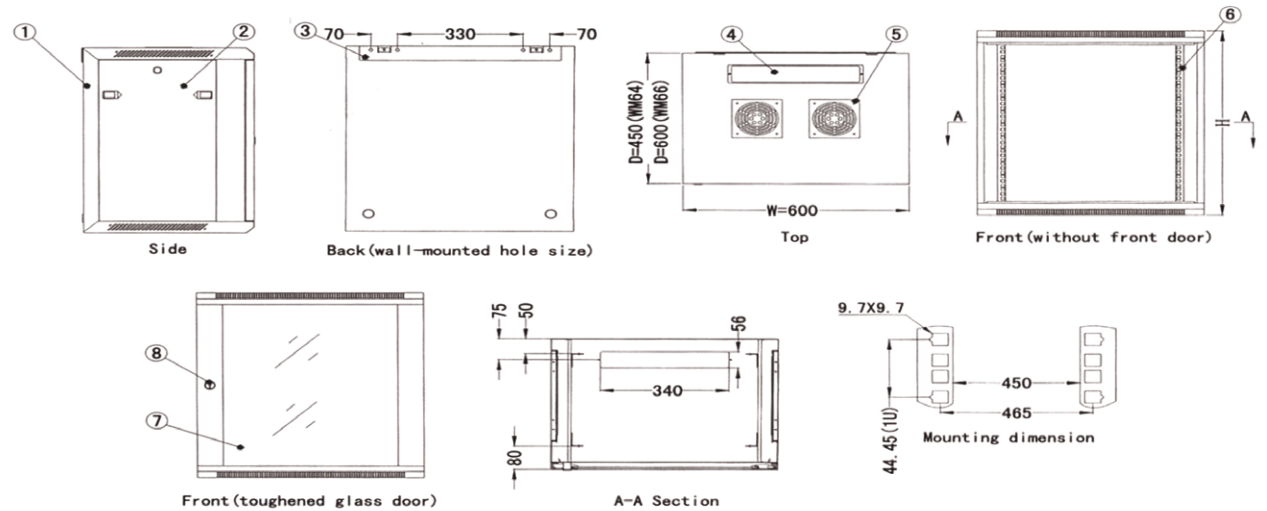
Email: sales@copperled.com Website: www.copperled.com

## Main structure:



1. Installing Backboard
2. Mounting profile(L-shaped)
3. Cable entry plate
4. Side panel
5. Tempered glass front door
6. Tempered glass front door with vented border
7. Tempered glass front door with meshed border

## Main Dimension:



# NETWORKING CABINET STANDING

Email: sales@copperled.com Website: www.copperled.com

## Features

- > Range of medium duty cabinets of durable modular construction
- > With tempered glass locking doors section doors, Enable ventilation and reliable operation
- > Lockable removable side panels
- > Several lockable wiring holes on Top / Botto, Size of the large hole at the bottom adjustable
- > The frame can be removed according to requirement, U was marked in the frame to identify the height
- > Bottom base can fix the cabinet, Cable entry, Airflow, Avoiding arts
- > Can be customized to individual requirements, Without doors, Sides And / Or the top panel
- > Earthing screw
- > Adjustable angles
- > Cabinets are vented to allow cooling
- > Standard colour is computer grey
- > No tools are required to change the door from left hand to right hand opening
- > Material: -Thickness: Mounting profile: 1.5mm; Other: 1.2mm; SPCC quality cold rolled steel
- > Loading Capacity: Stalic loading: 800kg(on the adjustable feet)
- > Degree of protection: IP20
- > Surface finish: Degreasing, Pickling, Phosphating, Powder Coated

## Standard

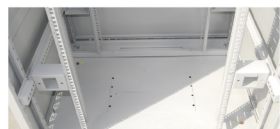
- > Comply with ANS / EIA RS-310-D, IEC 297-2, DIN41491, PART1, DIN41491, PART7, ETSI Standard.

Cabinet Size	Width×Depth×Height	Cabinet Size	Width×Depth×Height
47U Data Cabinet	600×600×2200 mm	37U Data Cabinet	600×600×1800 mm
47U Data Cabinet	600×800×2200 mm	37U Data Cabinet	600×800×1800 mm
47U Data Cabinet	600×960×2200 mm	37U Data Cabinet	600×960×1800 mm
47U Data Cabinet	600×800×2200 mm	32U Data Cabinet	600×600×1600 mm
47U Data Cabinet	600×960×2200 mm	32U Data Cabinet	600×800×1600 mm
42U Data Cabinet	600×600×2200 mm	27U Data Cabinet	600×600×1400 mm
42U Data Cabinet	600×800×2200 mm	27U Data Cabinet	600×800×1400 mm
42U Data Cabinet	600×960×2200 mm	22U Data Cabinet	600×600×1200 mm
42U Data Cabinet	600×800×2200 mm	22U Data Cabinet	600×800×1200 mm
42U Data Cabinet	600×960×2200 mm		



P/N: CL-SD-9U

Network Cabinet Standing



Cable entry on the bottom



Castor and adjustable feet



Door bolt

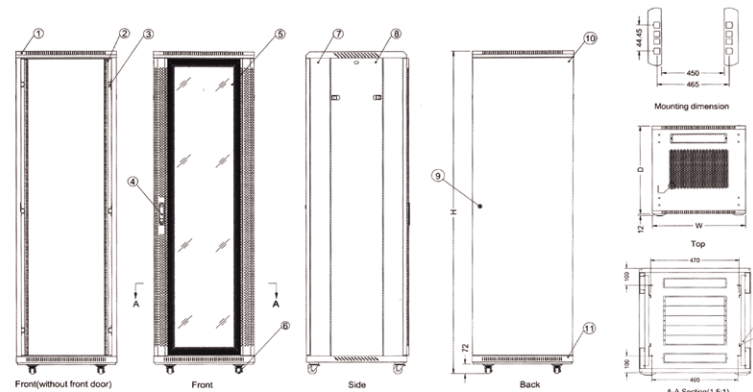


Mounting profile

# NETWORKING CABINET STANDING

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## Main structure:



## Optional Accessories

- > Fixed Shelf, keyboard tray; sliding shelf
- > Light kit; earthing kit
- > Brush for cable entry and other design
- > Plywood pallet or paper pallet
- > Plinth

## Main Component:

No.	Component Name	Quantity	Unit	Material Specification	Surface Finish	Note
1	Top Cover	1	pc	SPCC cold rolled steel T1.2	Powder Coated	—
2	Fan Unit	1	set	SPCC cold rolled steel T1.2	Powder Coated	—
3	Steel Frame	2	pc	SPCC cold rolled steel T1.2	Powder Coated	—
4	Tempered Front Door	1	pc	SPCC cold rolled steel T1.2	Powder Coated	Single open
5	Steel Rear Door without holes	1	pc	SPCC cold rolled steel T1.2	Powder Coated	Single open
6	Bottom Panel	1	pc	SPCC cold rolled steel T1.2	Powder Coated	—
7	Mounting Angle	6	pc	SPCC cold rolled steel T1.5	Powder Coated	4pcs for below 32U
8	Mounting Profile	4	pc	SPCC cold rolled steel T2.0	Powder Coated	—
9	Side Panel	2	pc	SPCC cold rolled steel T1.2	Powder Coated	—
10	Handle lock for front door	1	pc	—	Galvanization	With 2 keys
11	Little round lock for rear door	1	pc	—	Galvanization	With 2 keys
12	Castor	4	pc	—	—	—
13	M10 adjustable feet	4	pc	—	—	—
14	M6 B-head screw and M6 square nut	20	pc	Steel	Color Zinc Coated	—
15	Allen Wrench	1	pc	Steel	Black	—
16	Spacer (only for 800mm width)	12	pc	SPCC cold rolled steel T1.2	Powder Coated	Only for 800mm
17	Vertical cable manager (800mm width)	2	pc	SPCC cold rolled steel T0.8	Powder Coated	Only for 800mm



# OPEN RACK CABINET

Email: sales@copperled.com Website: www.copperled.com

## Features

- > Modular design, easily assemble and disassemble for delivery, low –cost
- > Various optional accessories according to requirements (Cable management slot, removable working panel, etc )
- > Loading Capacity: Static loading: 150kgs

## Standard

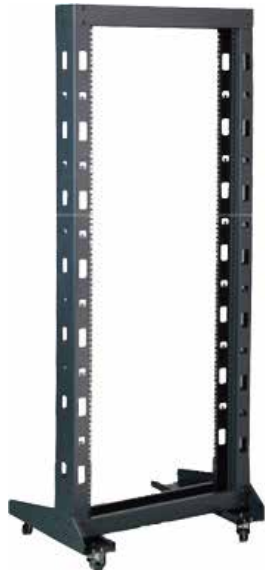
- > Comply with ANSI / EIA RS-310-D, IEC297-2, DIN41491, PART1, DIN41491, PART7 GB/T3047.2-92 standard

## Material

- > SPCC cold rolled steel
- > Thickness: PLINTH: 2.0mm
- > Front and bottom beams: 2.0mm, pole: 1.5mm.

## Surface Finish

- > Degreasing, phosphoric, powder coated.
- > Size: 22-47U are available.



P/N: CL-OR-01  
Single Open Rack



P/N: CL-OR-02  
Double Open Rack

# NETWORKING TOOL

Email: sales@copperled.com Website: www.copperled.com

## Descriptions

- > The instrument is designed to identify and trace wires or cables within a group without damaging the insulation. For telephone line, It can identify some state in the line and more convenience to install, debug, maintain telephoen line, there are a sender and receiver included in the cable tracker.

## Features

- > Judge continuity of the cable or wires
- > Track the cables or wires, and diagnose the break point
- > Receive the tone signal on the cables or wires (Telephone line)
- > Identify the state in the working telephone line ( clear, ring, busy)
- > Send a single solid tone or a dual alternating tone to the object cales or wires



P/N: CL-NT-08  
Cable Tester Tracker Tone Generator for Telephone



P/N: CL-NT-04  
RJ45 Cable Tester



P/N: CL-NT-01  
Krone Type Impact Tool



P/N: CL-NT-02  
RJ45 Crimping Tool



P/N: CL-NT-03  
RJ45&RJ11 Dual use Crimping Tool



P/N: CL-NT-20  
Network Tool for Keystone Jack

P/N: CL-KJU-C604



P/N: CL-NT-05  
110 Type Impact Tool



P/N: CL-NT-06  
501 Stripper Tool



P/N: CL-NT-07  
Plastic Knife



P/N: CL-NT-09  
Screw Tool For Network Cabinet

# NETWORKING ACCESSORIES

Email: sales@copperled.com Website: www.copperled.com

Cat.6A UTP plug



**P/N: CL-PGU-C6A**  
With one loading bar 6up 2down,  
For both stranded and solid wire  
Gold plating from FU" to 50U"

Cat.6A SSTP plug



**P/N: CL-PGS-C6A1**  
With one loading bar 6up 2down, wire  
OD 0.99mm Suitable for stranded wire  
Gold plating thickness 50U"

Cat.6A SSTP plug



**P/N: CL-PGS-C6A2**  
With two loading bars Suitable for  
solid wire. Gold plating thickness  
50U"

Cat.6 UTP plug



**P/N: CL-PGU-C6**  
With one loading bar 4up 4down  
For both stranded and solid wire  
Gold plating from FU" to 50U"

Cat.6 FTP plug



**P/N: CL-PGF-C6**  
With one loading bar 6 up, 2down For both  
stranded and solid wire Gold plating fromFU" to 50U"

Cat.5e UTP modular plug



**P/N: CL-PGU-C5**  
8P8C, one part Gold plating from FU" to 50U"

Cat.5e FTP modular plug



**P/N: CL-PGF-C5**  
8P8C, one part Gold plating from FU" to 50U"

Email: sales@copperled.com Website: www.copperled.com

Telephone plug 6P6C



**P/N: CL-PGU-66**  
Flat or round cable entry Gold plating  
thickness from FU" to 50U"

Telephone plug 6P4C



**P/N: CL-PGU-64**  
Flat or round cable entry Gold plating  
thickness from FU" to 50U"

Telephone plug 6P2C



**P/N: CL-PGU-62**  
Flat or round cable entry Gold plating  
thickness from FU" to 50U"

Telephone plug 4P4C



**P/N: CL-PGU-44**  
Flat or round cable entry Gold plating  
thickness from FU" to 50U"



**P/N: CL-BT-XX**  
Boot for Patch cord  
( Various Colors available)



**P/N: CL-BT-02**  
Transparent boot for Patch cord  
( Various Colors available)

SPECIFICATION	COMMON APERTURE
Cat.5e UTP 1part	0.7/0.8/0.9/1.00mm
Cat.5e FTP 1part	0.75/0.8/1.00/1.05/1.1mm
Cat.6 UTP 4 up 4 down 1part	0.85/0.9/1.0/1.1mm
Cat.6 FTP 4 up 4 down 1part	1.0/1.05/1.15/1.3mm
Cat.6 UTP 6 up 2 down 2parts	0.65/0.7/0.75/0.8/0.85/
	0.9/0.99/1.06/1.10mm
Cat.6 UTP 4 up 4 down 2parts	1.0/1.10mm
Cat.6A UTP 6 up 2 down 2parts	0.65/0.7/0.75/0.8/0.85/
	0.9/0.99/1.06/1.10mm
Cat.6A FTP 6 up 2 down 2parts	0.65/0.7/0.75/0.8/0.85/
	0.9/0.99/1.06/1.1mm
Cat.6 FTP 4 up 4 down 2parts	1.0/1.10mm
Cat.7 FTP 4 up 4 down 2parts	1.2/1.3/1.45/1.6mm

## Fiber Optic Components & Assemblies

Copperled provides highly reliable and innovative products and services for the rapidly evolving data center demands.

Welcome to review more details of Fiber Patch Cord, Fiber Patch Panel, Fiber Cable etc. other fiber systems products in the following pages...

Email: [sales@copperled.com](mailto:sales@copperled.com)  
Website: [www.copperled.com](http://www.copperled.com)

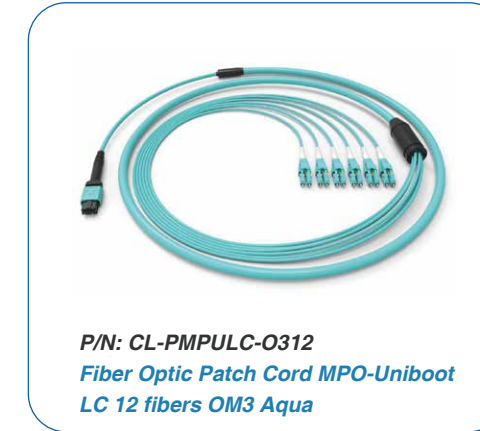


## FIBER OPTIC MPO PATCH CORD

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)



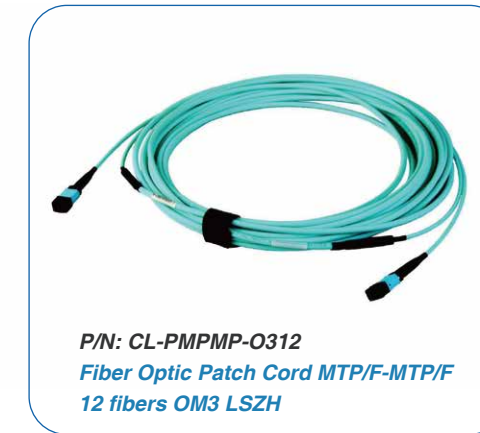
**P/N: CL-PMPMP-O412**  
Fiber Optic Patch Cord MTP/F-MTP/F  
12 fibers OM4 LSZH



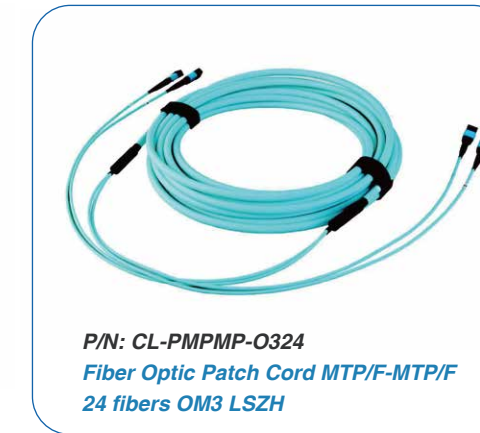
**P/N: CL-PMPULC-O312**  
Fiber Optic Patch Cord MPO-Uniboot  
LC 12 fibers OM3 Aqua



**P/N: CL-PMPLC-O312**  
Fiber Optic Patch Cord MPO-LC  
12 fibers OM3 Aqua



**P/N: CL-PMPMP-O312**  
Fiber Optic Patch Cord MTP/F-MTP/F  
12 fibers OM3 LSZH



**P/N: CL-PMPMP-O324**  
Fiber Optic Patch Cord MTP/F-MTP/F  
24 fibers OM3 LSZH



# SINGLEMODE PATCH CORD & PIGTAIL

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

## Applications

- > Telecommunications
- > LAN
- > FTTH
- > Optic fiber sensors
- > Testing instruments

## Features

- > Low Insertion tolerance
- > Easy to handle
- > Stable environment

## Specifications

- > Return Loss: PC>45 dB, APC>60 dB
- > Insertion Loss: <0.3 dB
- > Operations Temperature: -40~85 degree
- > Storage Temperature: -50~85 degree
- > Industry Standard: TA-NWT-001209



P/N: CL-PSCSC-SMS



P/N: CL-PSCE2-SMS



P/N: CL-PLCLC-SMS



P/N: CL-PFCFC-SMS



P/N: CL-PSC-SM

Product Number	Descriptions
P/N: CL-PSCSC-SMS	Fiber Optic Patch Cord SC/PC-SC/PC Singlemode Simplex
P/N: CL-PSCE2-SMS	Fiber Optic Patch Cord SC/PC-E2000/PC Singlemode Simplex
P/N: CL-PLCLC-SMS	Fiber Optic Patch Cord LC/PC-LC/PC Singlemode Simplex
P/N: CL-PFCFC-SM0S	Fiber Optic Patch Cord FC/PC-FC/PC Singlemode Simplex
P/N: CL-PSC-SM	Fiber Optic Pigtail SC/PC SM 0.9mm Simplex
P/N: CL-PSCA-SM	Fiber Optic Pigtail SC/APC SM 0.9mm Simplex
P/N: CL-PST-SM	Fiber Optic Pigtail ST/PC SM Simplex 0.9mm Simplex



P/N: CL-PSCA-SM



P/N: CL-PST-SM

# MULTIMODE PATCH CORD

Email: [sales@copperled.com](mailto:sales@copperled.com) Website: [www.copperled.com](http://www.copperled.com)

## Applications

- > Telecommunications
- > LAN
- > FTTH
- > Optic fiber sensors
- > Testing instruments

## Features

- > Low Insertion tolerance
- > Easy to handle
- > Stable environment

## Specifications

- > Return Loss: PC>45 dB, APC>60 dB
- > Insertion Loss: <0.3 dB
- > Operations Temperature: -40~85 degree
- > Storage Temperature: -50~85 degree
- > Industry Standard: TA-NWT-001209



P/N: CL-PFCFC-MMD



P/N: CL-PLCLC-MMS



P/N: CL-PSTSC-MMD



P/N: CL-PMTMT-MMD



P/N: CL-PSTLC-MMD



P/N: CL-PSCST-MMD



P/N: CL-PMTLC-O3D



P/N: CL-PSTST-O3D

Product Number	Descriptions
P/N: CL-PFCFC-MMD	Fiber Optic Patch Cord FC/PC-FC/PC Multimode Duplex
P/N: CL-PLCLC-MMS	Fiber Optic Patch Cord LC/PC-LC/PC Multimode Simplex
P/N: CL-PSTSC-MMD	Fiber Optic Patch Cord ST/PC-SC/PC Multimode Duplex
P/N: CL-PMTMT-MMD	FO Patch Cord MTRJ/PC-MTRJ/PC Multimode Duplex
P/N: CL-PSTLC-MMD	Fiber Optic Patch Cord ST/PC-LC/PC Multi-Mode Duplex
P/N: CL-PSCST-MMD	Fiber Optic Patch Cord SC/PC-ST/PC Multi-mode Duplex
P/N: CL-PMTLC-O3D	FO Patch Cord MTRJ-LC MM Duplex OM3 2.0mm 2meter
P/N: CL-PSTST-O3D	FO Patch Cord ST-ST MM Duplex OM3 3.0mm 2meter

# FIBER OPTIC ADAPTER

Email: sales@copperled.com Website: www.copperled.com

## Applications

- > Telecommunication
- > CATV
- > LAN & WAN
- > Network
- > Broadband
- > FTTP

## Features

- > Simplex and duplex panel cutouts
- > Panel clip for easy installation
- > Increase panel density and quick plug in installation
- > Available in several standard colors
- > Meet bellcore GR-326 standard

## Specifications

- > Insertion loss: SM<0.3dB, MM<0.5dB
- > Durability (500 Mating): 0.2dB Max Increase
- > Operating temperature: -40~85 degree
- > Storage temperature: -40~85 degree

Product Number	Descriptions
P/N: CL-ASCA-SMS	Fiber Optic Adapter SC/APC Type , SM Simplex
P/N: CL-ASC-SMS	Fiber Optic Adapter SC Type , SM Simplex
P/N:CL-ASC-MMD	Fiber Optic Adapter SC Type, MM Duplex
P/N:CL-ASC-SMD	Fiber Optic Adapter SC type , SM Duplex
P/N: CL-ALC-MMD	Fiber Optic Adapter LC Type, MM Duplex
P/N: CL-ALC-SMD	Fiber Optic Adapter LC Type SM , Duplex
P/N: CL-ALC-SMQ	Fiber Optic Adapter LC Singlemode Quaduplex
P/N: CL-ALC-MMS	Fiber Optic Adapter LC Type, MM Simplex
P/N: CL-ALC-SMS	FO Adapter LC Type SM, Simplex
P/N: CL-AST-SMS	Fiber Optic Adapter ST Type , MM Simplex
P/N: CL-AST-MM	Fiber Optic Adapter ST Type SM , Simplex
P/N: CL-ASC-MMS	(OM3) FO Adapter LC Type, MM Simplex
P/N: CL-ATL-MMS	Fiber Optic Adapter ST-LC MM Simplex
P/N: CL-ATC-MMS	Fiber Optic Adapter ST-SC MM Simplex
P/N: CL-ASL-MMS	Fiber Optic Adapter SC-LC MM Simplex
P/N: CL-ALC-MMD	(OM4)FO Adapter LC Type, MM Duplex



# FIBER OPTIC CONNECTOR

Email: sales@copperled.com Website: www.copperled.com

## Applications

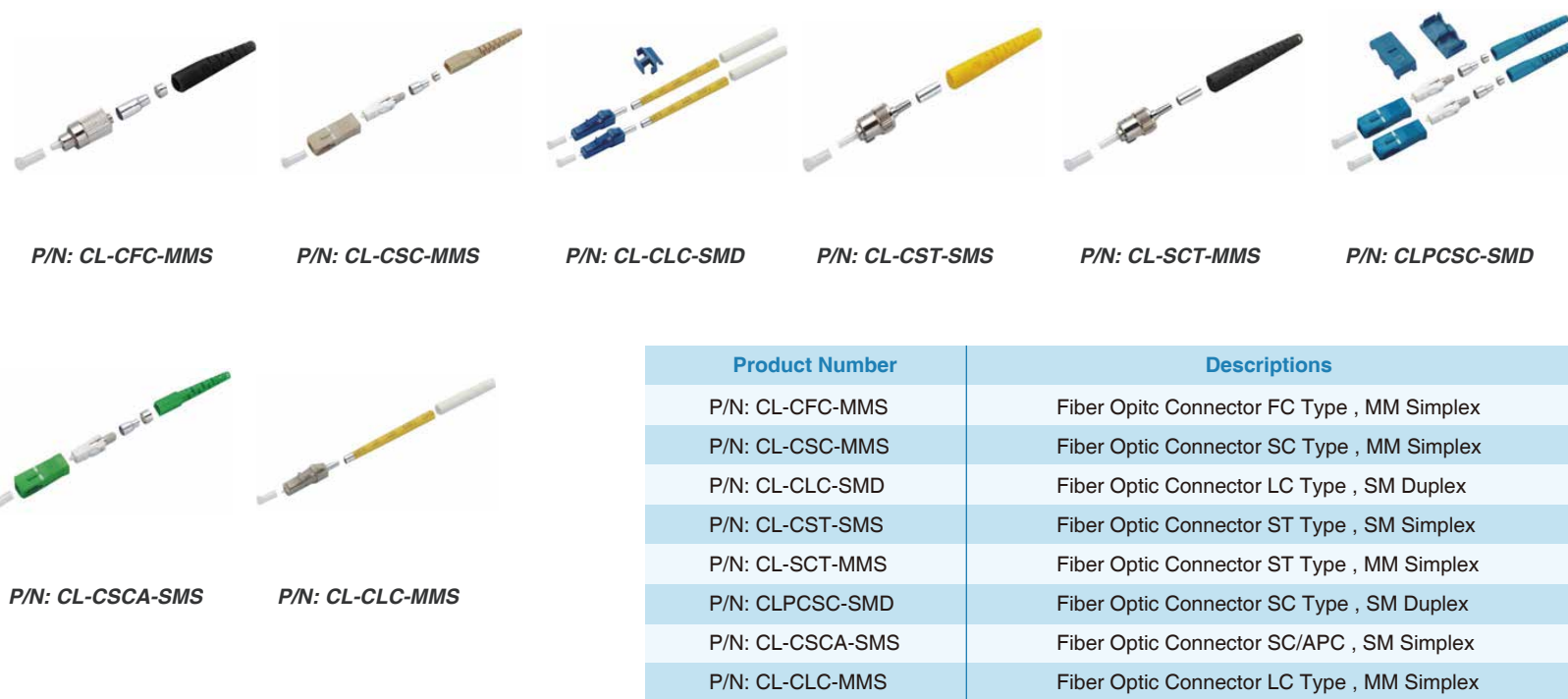
- > Telecommunications
- > CATV
- > LAN (including FITL, FTTH and FTTD)
- > Data network

## Features

- > Single mode, multimode available
- > All connectors with dusty cap
- > Compliant with RoHS requirement

## Specifications

- > Insertion loss: SM<0.3dB, MM<0.5dB
- > Return loss: PC>45db, UPC>55dB, APC>65dB
- > Service life: >1000 times
- > Temperature range: -40~70 degree



Product Number	Descriptions
P/N: CL-CFC-MMS	Fiber Optic Connector FC Type , MM Simplex
P/N: CL-CSC-MMS	Fiber Optic Connector SC Type , MM Simplex
P/N: CL-CLC-SMD	Fiber Optic Connector LC Type , SM Duplex
P/N: CL-CST-SMS	Fiber Optic Connector ST Type , SM Simplex
P/N: CL-SCT-MMS	Fiber Optic Connector ST Type , MM Simplex
P/N: CLPCSC-SMD	Fiber Optic Connector SC Type , SM Duplex
P/N: CL-CSCA-SMS	Fiber Optic Connector SC/APC , SM Simplex
P/N: CL-CLC-MMS	Fiber Optic Connector LC Type , MM Simplex

# FIBER OPTIC PATCH PANEL

Email: sales@copperled.com Website: www.copperled.com

## Applications

- > Applicable for straight-through connection and diverged connection in aerial layout duct and direct buried.
- > Protect fiber connectors well.

## Features

- > The shell is high intensified & insulated material
- > Fiber input: 4 Adapters output: 24
- > It's can be installed against wall
- > Full accessories for convenient operations

## Specifications

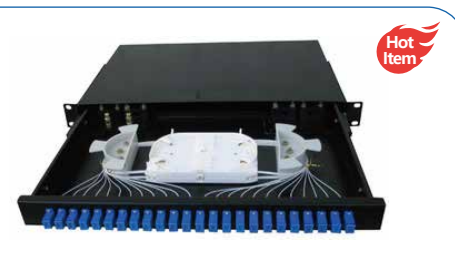
- > Environment temperature: -25~45 degree
- > Relative humidity: ≤85% (30 degree)
- > Atmosphere pressure: 70~106KPa
- > Insulated Resistance: ≥2×10MΩ/500V(DC)
- > Intensity ≤15KV (DC)/1 minno spark-over and no flying arc
- > Fiber bending radium guaranteed more than 40mm: ≥40mm

## Performance

- > Excellent design and Maximum cores is 24
- > Pigtail fix up reliable and perfect protection
- > Apply to extensive field and it's convenient to operations and maintenance



P/N: CL-FPR2-24  
FO Patch Panel SC Type 24Port, 19'' 1U Rack Mounted



P/N: CL-FPRD-24  
FO Patch Panel SC Type 24Port 19'' 1U Rack Mounted(Drawer Style, FC/ST/LC are available)



P/N: CL-FPRD2-24  
FO Patch Panel SC Type 24Port 19'' 1U Rack Mounted(Drawer Style, FC/ST/LC are available)

# FIBER OPTIC PATCH PANEL

Email: sales@copperled.com Website: www.copperled.com

## Applications

- > Branch connection of fiber termination, working as distribution box

## Features

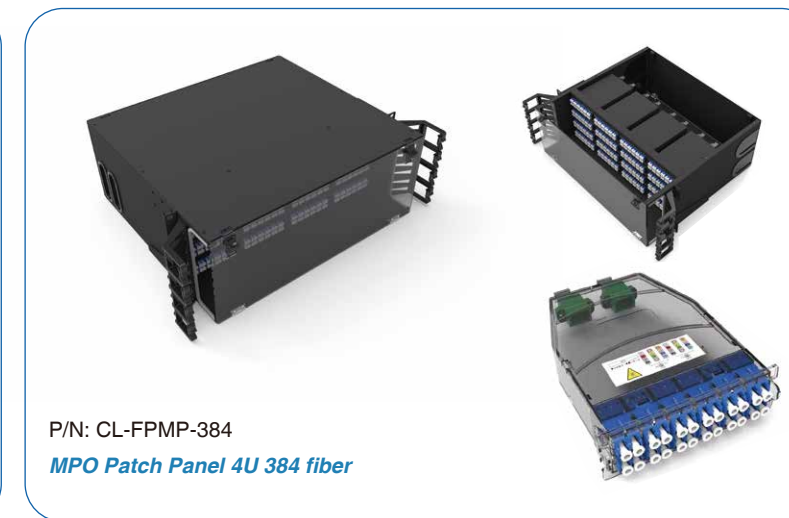
- > All property indexes are in accordance with national YD / T814-1996 standard
- > The body make use of cold rolling steel, and the surface use the technique of dim plastic.strong adhesive force, artistic and durable.
- > Distinctive design of 4 cable entrance and fiber exit of 24 cores duplex SC adapters.
- > Cable entrance are sealed with oil resistance NBR to increase the flexibility
- > Overlapping fiber splice tray and separate insulation earthing unit make the disposition of the cores, expanding the capacity and cable earthen flexible, convenient and safe.

## Specifications

- > External size: 480\*250\*1U
- > Winding radius ≥40mm
- > Fiber capacity: 48cores
- > Installing: rack mounted
- > Working temperature: -25 degree ~+45 degree
- > Atmosphere pressure: 70~106Kpa
- > Insulated Resistance: 2×10MΩ/500V(DC)



P/N: CL-FPMP-96  
MPO Patch Panel 1U 96 fiber



P/N: CL-FPMP-384  
MPO Patch Panel 4U 384 fiber



# FIBER OPTIC PATCH PANEL

Email: sales@copperled.com Website: www.copperled.com

## Applications

- > Applicable for straight-through connection and diverged connection in aerial layout, duct and direct buried.
- > Protect fiber connectors well.

## Features

- > The shell is high intensified & insulated material
- > Terminal Box Fiber in put: 2 and adapters output: 8
- > Splicing and Distribution Unit Fiber in put: 4 adapters output: 72
- > Can be installed against wall
- > Full accessories for convenient operations

## Specifications

- > Environment temperature: -25~45 degree
- > Relative humidity: ≤85% (30 degree)
- > Atmosphere pressure: 70~106KPa
- > Insulated Resistance: ≥2×10MΩ/500V(DC)
- > Intensity ≤15KV(DC) / 1minno spark-over and no flying arc
- > Fiber bending radium guaranteed more than 40mm: ≥40mm

## Performance

- > Maximum cores 8 for Wall mounted and 72 cores for ODF
- > Pigtail fix up reliable and perfect protection
- > Apply to extensive field
- > Convenient operations and maintenance



P/N: CL-FPW-08

**FO Terminal Box , FC Type Wall mounted 8 Port**  
(ST/SC/LC are available)

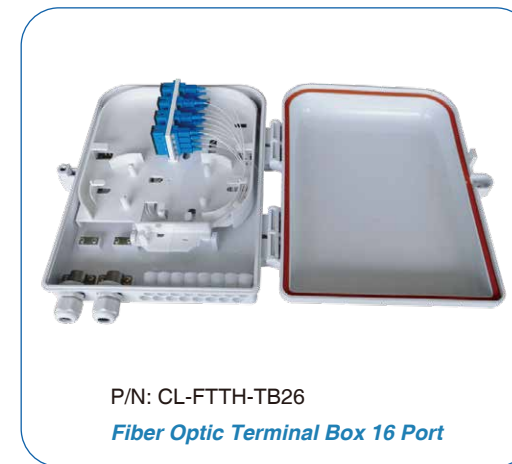


P/N: CL-ODF-72

**FO Splicing and Distribution Unit , 72 Fiber**  
SC/ST/FC/LC Adapters Compliant

# FTTH BOX

Email: sales@copperled.com Website: www.copperled.com



P/N: CL-FTTH-TB26  
**Fiber Optic Terminal Box 16 Port**



P/N: CL-FTTH-TB16  
**FTTH Terminal box 6 Port (Plastic Shell)**



P/N: CL-FTTH-SC24  
**Fiber Optic Splice Enclosure 24 Cores**



P/N: CL-FTTH-ATB2  
**FTTH Access Terminal Box 2 Port**



P/N: CL-FTTH-0324  
**Splitter Distribution Box 24 Fibers**

# FIBER ENCLOSURE

Email: sales@copperled.com Website: www.copperled.com

## Description

- > With 4 fiber cables in-out ports
- > Suitable for duct, aerial, direct buried application
- > Sealing structure: Sticky structure

	CL-FEGP-H03
Dimension(mm)	435*190*120
Weight (KGS)	2.8
Cable Diameter(mm)	Φ10~Φ22
Cable Ports	2 in 2 out
Capacity of splice tray	24
Max pcs of splice tray	8
Max Capacity	192



Product Number	Descriptions
P/N: CL-FEGP-H01	Fiber Splicing Enclosure Horizontal Type
P/N: CL-FEGP-H02	Fiber Splicing Enclosure Horizontal Type
P/N: CL-FEGP-H03	Fiber Splicing Enclosure Horizontal Type

## Description

- > Purpose: aerial, direct-burying, wall mounting, Pipeline laying way
- > Voltage-resistance strength: Under the effect of 15kv/DC/1min, non-puncture, and no arc-over.
- > Insulation resistance:  $\geq 2 \times 10^4 \text{M}\Omega$
- > Maximum capacity: 144cores
- > Span-life: 30 years.
- > Environmental temperature: -40 degree to +85 degree
- > Atmospheric pressure: 70~106KPa

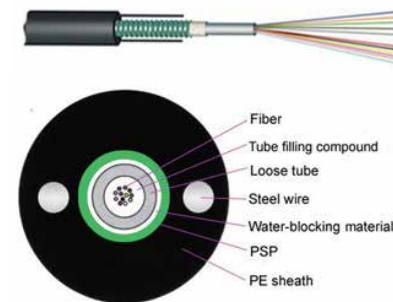
	CL-FEVR-V01	CL-FEVR-V02
External Dimension	510mm×210mm	510mm×210mm
Weight	3	3
Material	PC	PC
Dimension	51×22CM (H×D)	51×22CM (H×D)
Cable Entry& Exit	3 In 3 Out	2 In 2 Out
Cable Diameter	Φ7-Φ25	Φ7-Φ25
Sealing Structure	Mechanical Sealing	Mechanical Sealing
Max Capacity of Core	144 cores	144 cores



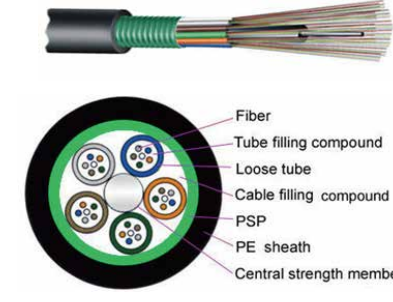
Product Number	Descriptions
P/N: CL-FEVR-V01	Fiber Splicing Enclosure Vertical Type (3IN -3 OUT) 72 Fibers
P/N: CL-FEVR-V02	Fiber Splicing Enclosure Vertical Type (2 IN-2 OUT) 96 Fibers

# OUTDOOR OPTIC CABLE

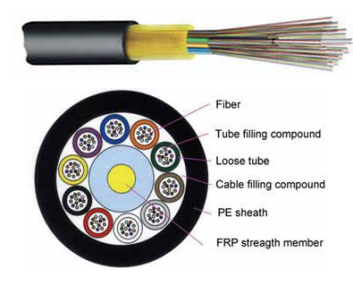
Email: sales@copperled.com Website: www.copperled.com



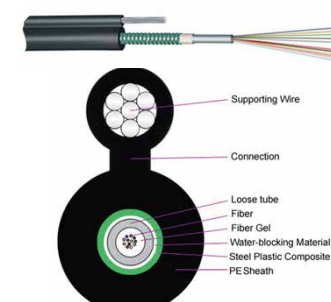
P/N: CLGYXTW  
**Unitube Light -armored Cable**



P/N: CLGYTS  
**Standard Loose Tube Light -armored Fiber Optic Cable**



P/N: CLGYFTY  
**Straned Loose Tube Non-metallic Strength Member Non-armored Cable**



P/N: CLGYTC8S  
**Figure 8 Cable**



P/N: CLGYFXY  
**Unitube Non-metallic Non-armored Cable**



P/N: CLGYTA  
**Stranded Loose Tube Non-armored Cable**



P/N: CLGYTA53  
**Stranded Loose Tube Armored Cable**



P/N: CLGYXY  
**Unitube Non-armored Cable**

# INDOOR OPTIC CABLE

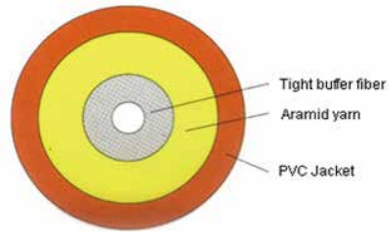
Email: sales@copperled.com Website: www.copperled.com

## Description

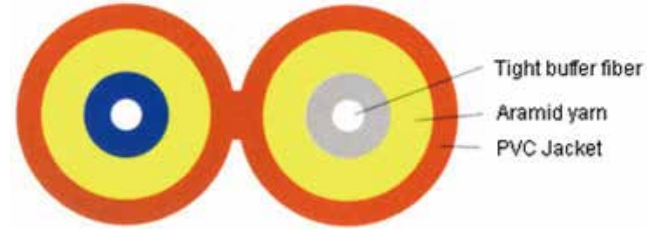
> Indoor fiber optical cable is made by evenly applying strands of Aramid yarns as the strength member over tight buffer fibers and then is completed with a flame-retardant sheath.

## Standards

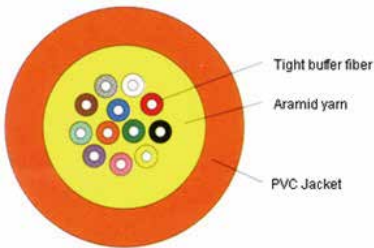
> Comply with Standard YD / T 1258.3-2003, ICEA-596, GR-409, IEC794, etc; and meet the requirements of UL approval for OFNR and OFNP.



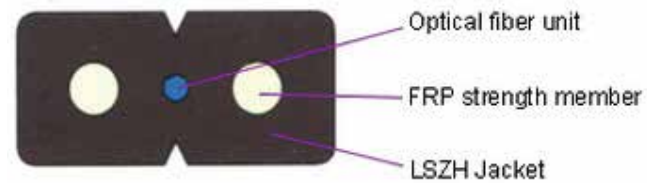
P/N: CL1FIC  
*Fiber Simplex Indoor Cable*



P/N: CL2FDC00  
*Fiber Duplex Indoor Cable*



P/N: CLMPDC  
*Multi Purpose Distribution Cable*



P/N: CLFTTHIC  
*FTTH Indoor Cable*

# DISTRIBUTION BOX/TELECOM MODULE/ACCESSORIES

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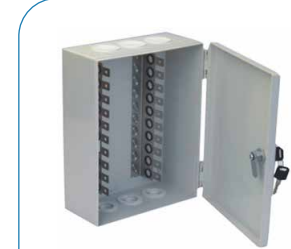
P/N: CL-DB-30

*30Pair Indoor Distribution Box Install 3Pair Back Mount Frame*



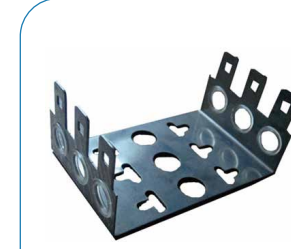
P/N: CL-DB-50

*50 Pair Indoor Distribution Box Install 5Pair Back Mount Frame*



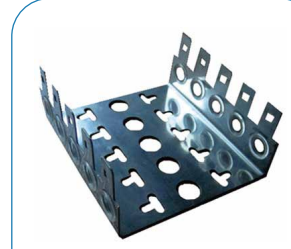
P/N: CL-DB-100

*100 Pair Indoor Distribution Box Install 10 Pair Back Mount Frame*



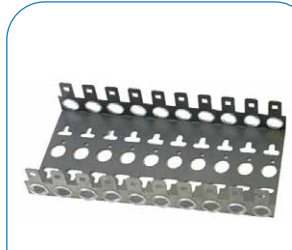
P/N: CL-BMF-30

*30 Pairs Back Mount Frame*



P/N: CL-BMF-50

*50 Pairs Back Mount Frame*



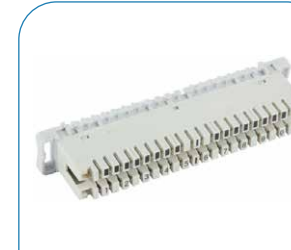
P/N: CL-BMF-100

*100 Pairs Back Mount Frame*



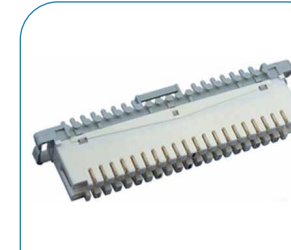
P/N: CL-ME10P-03

*10Pair Magazine , 3 Pole Arrester Loaded*



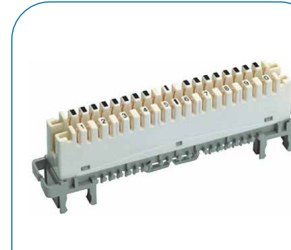
P/N: CL-TM10D-05

*10Pair Disconnection Module*



P/N: CL-TM10C-04

*10Pair Connection Module*



P/N: CL-TM10PD-03

*10Pair Profile Disconnection Module*