

COBTEL®



Wechat Official Account



CNCOB Digital Flagship Store

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IATF 16949



ISO 14001

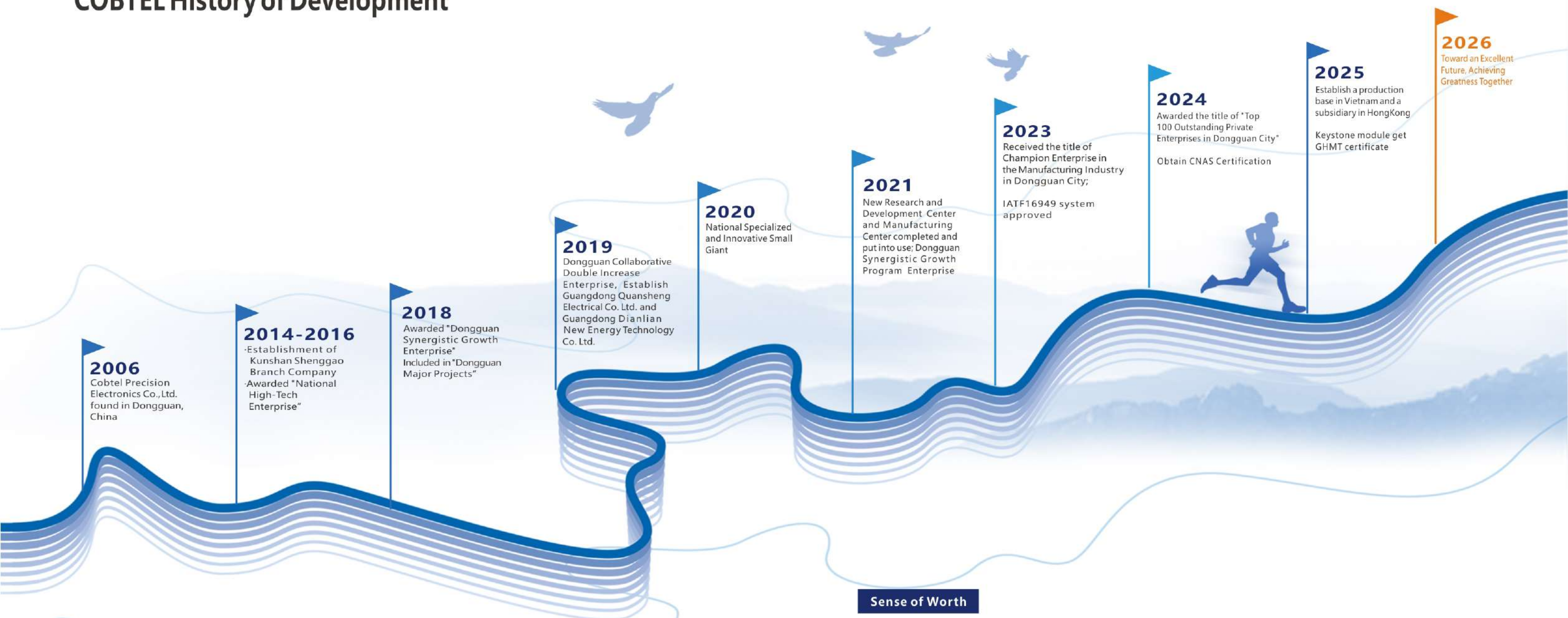


COBTel PRECISION ELECTRONICS CO., LTD.

Global data center core hardware manufacturer

Become the world's leading smart manufacturer in communication and new energy connection.

COBTEL History of Development



Our cultures

10-word Policy

Integrity & Faithful & Responsibility & Innovation & Gratitude

Quality Motto

Quality creates reputation, reputation guarantees quality; continuous innovation, ongoing improvement, and customer satisfaction.

Values

Customers first, continuous innovation, value creation, integrity and win-win.

Sense of Worth

Become the world's leading smart manufacturer in communication and new energy connection

Mission

To provide precision manufacturing and solutions for global data communications, new energy connection and IoT. Making connection faster and safer.

Philosophy

Striving for the material and spiritual well-being of all partners, to achieve the company's sustainable management.

Slogan

Firm goals, full participation, quick action.

Company Profile

Established in June 2006 and headquartered at No.9,Wanjiang Innovation Road, Wanjiang Street, Dongguan, Guangdong, COBTEL Precision Electronics Co., Ltd. is a premier high-tech enterprise. We are recognized as a National "Little Giant" Enterprise (Specialized and Sophisticated), a Dongguan "Multiplier Plan" Enterprise, and a Dongguan Gazelle Enterprise. Operating seven subsidiaries—including Guangdong Dianlian, Guangdong QS, Hong Kong COBTEL, and Vietnam COBTEL—our facilities span a total area of 41,731 square meters and employ a dedicated workforce of over 500 professionals. We maintain a national-level CNAS-accredited laboratory and possess robust, independent production capabilities featuring automated manufacturing equipment developed in-house. Driven by our Innovation R&D Center, we specialize in the development, production, and sales of products across four core business sectors:

1. Smart Manufacturing of Global Data Center Core Hardware. We manufacture six core hardware categories for global data centers, including modular plugs, copper keystone jacks, copper patch cords, cabinets, MT ferrules, fiber patch cords/pigtails, MPO/MTP pre-terminated systems, and optical distribution frames. We provide comprehensive support ranging from standard structured cabling to high-density optical interconnects for 5G communications, all-optical networks, and AI computing centers.

2. Smart Home & Intelligent Electrical Products. Our solutions feature smart home connectivity, simplified installation, AI voice interaction, scenario modes, Zigbee gateway functionality, and remote app control. Key products include WiFi smart adapter sockets, in-wall smart control panels, BS adapters & plugs, and Wiser Smart Plug Type K. We also offer traditional electrical components such as switches, sockets, track sockets, fuses, adapters, power strips, and travel adapters.

3. AC/DC Connectors & Wire Harnesses. We provide specialized waterproof connectors and wire harnesses for large-scale LED displays used in high-traffic venues, including sports stadiums, concert stages, XR virtual studios, outdoor advertising, conference rooms, command centers, and cinemas.

4. New Energy Connectors & Wireless Charging Systems. This sector includes connectors and harnesses for photovoltaic (PV) and energy storage systems, as well as wireless charging system products for electric bicycles.

Industry Leadership & Quality Assurance As an industry leader in the modular plug niche, our daily production capacity reaches 6 million units, with an annual output exceeding 1.5 billion units. We are a direct supplier to a majority of the world's top ten structured cabling system brands. Our products are sold globally and are backed by rigorous quality standards. In addition to our CNAS-accredited laboratory, our products hold numerous international and domestic certifications, including UL, CSA, CE, SGS, ETL, RoHS, REACH, GHMT, CCC, and EC. The company is fully certified under ISO9001, ISO14001, and IATF16949 management systems.

ABOUT COBTEL



Certificates



High-tech Enterprise Certificate



16949/14001/9001/ROHS Certificate



CNAS Certificate



CE Certificate



GHMT Certificate



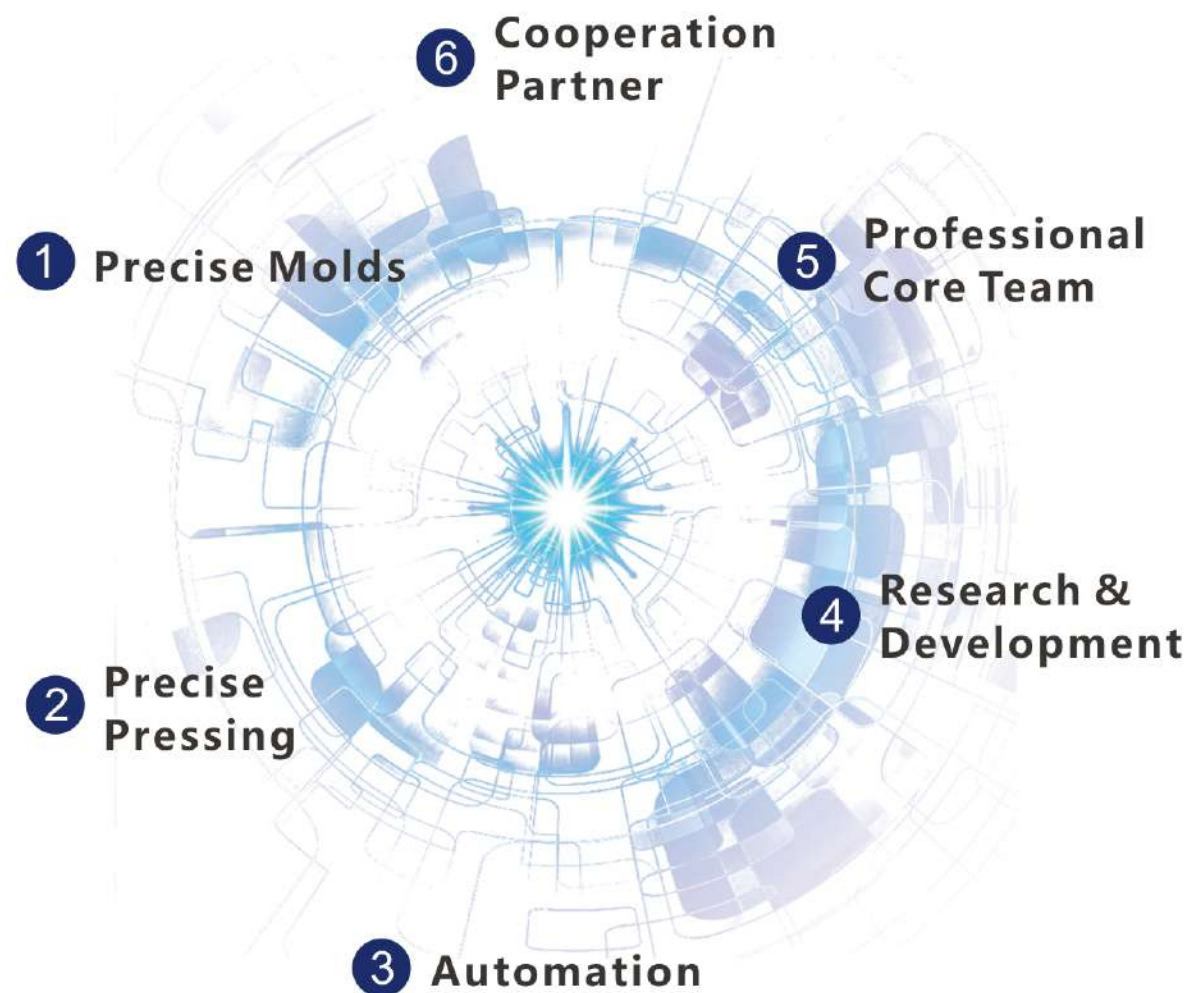
UL Certificate

Patent Certificate



The top 10 in the industry of home and abroad, there are 6 or 7 of them are our direct or indirect clients.

Company Advantages



1. Research, Development, and Manufacturing of High-End Precision Molds.
2. Precision Metal Stamping Production.
3. Packaging quantities can be set automatically to customer specifications.
4. Established the Dongguan Innovation R&D Center, dedicating 5% of annual sales to R&D; awarded "National High-Tech Enterprise" status in 2016.
5. The core team possesses 35 years of specialized experience in developing and manufacturing RJ45 connectors.
6. Collaboration with multiple Fortune Global 500 companies on custom project design and manufacturing.

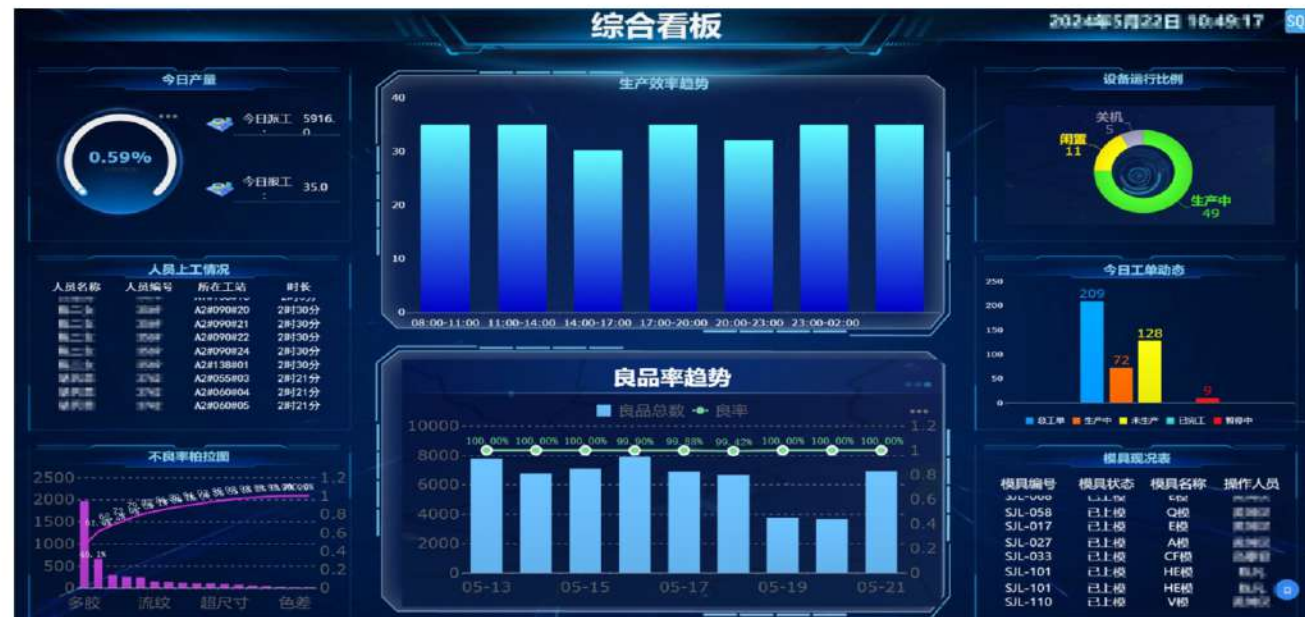
Strong R&D Capabilities

35
years

For years, the company has been dedicated to the R&D of smart electrical products for data centers and smart homes. It allocates over 5% of its annual sales revenue to the research and development of new products, technologies, and manufacturing processes. The R&D team comprises dozens of senior technical engineers, each with more than 15 years of development experience and extensive experience in Tier-1 brands. This robust R&D capability secures the company's core competitive edge. With over 200 patents through independent R&D, the company constantly creates sustained value for its customers.



MES Production System



MES operates as the execution layer situated between the planning layer and on-site automation systems. It primarily oversees workshop production management and scheduling execution; it can make our production transparent and data visible. **MES** can integrate management functions such as production scheduling, product tracking, quality control, equipment malfunction analysis, and online reporting on a unified platform, standardizing the management of molds, inserts, equipment, and work orders.

Rigorous Product Inspection



COBTTEL has established its own testing lab which has passed CNAS audit, The lab covers an area of about 1000 square metres and has over 100 testing equipment

Manufacturing Capabilities



Injection workshop



Stamping workshop



Assembly workshop



Cable assembly workshop



Moulding workshop



Assembly workshop

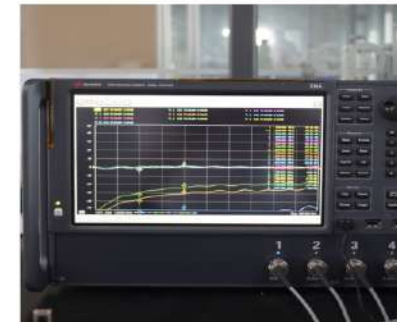


Online 2D Code Scanning



AGV Robot

Test Equipment



Network Analyzer
Function: Ensure that the performance of product is qualified.



Fluke Tester
Function: Ensure the matching performance of RJ45 plug and patch cord qualified.



Wire Bending Tester
Function: Tests the flexural strength of wire materials.



Shrapnel Bending Tester
Function: Physical function detection, ensure the RJ45 plug shrapnel bending degree.



Servo Inserting machine
Function: Detection of insertion force and pulling force.



Insertion & Withdraw Tester
Function: Test the RJ45 plug and pull endurance of RJ45 plug and RJ45 keystone jack seat.



Yellowing Resistance Tester
Function: Tests the aging and yellowing resistance performance.



Programmable Constant Temperature And Humidity Test Chamber
Function: Verify the usage, transport or storage capacity of relevant components & equipment in different environment.



Salt-Fog Spray Tester
Function: Ensure the plating of gold sheet and shielding shell products qualified.



Film Thickness Tester
Function: Check gold-plating thickness.



Dual-Channel Temperature Rise Tester
Function: Detects the temperature increase at a specific point of the product.



HEXAGON Explorer Classic
Function: Hexagon three-coordinates measuring machine

The Company's Problem-Solving Capabilities



Enterprise Manufacturing Capabilities

1.COBTTEL boasts powerful production capabilities, with employees equipped with professional knowledge and skills. It has advanced equipment, including over 20 high-density punch presses capable of producing 50,000K units per day; 82 injection molding machines, automated robotic arms, and high-speed inlay machines, allowing other workshops to reach 25,000K units per day, addressing your large-volume needs.

2.In 2017, daily output of the company's core products (modular plugs) has reached 3.5 million pcs. Annual output reached 1 billion pcs. In 2022,daily output of the modular plugs has reached 6 million pcs. Ranking No.1 in the modular plug segmentation worldwide.

3.The entire production process covers all procedures:from mold design and manufacturing, metal stamping, plastic injection molding, SMT placement, to final assembly.

4.Both the main factory and subsidiary factories operate in accordance with national standards for ISO9001 and ISO14001, and the IATF16949 quality management systems.

Professional Service Team

Our extensive service is always available, leveraging specialized product knowledge to address customer issues.



COBTTEL Training Center

The company offers certified training courses to our business teams, production staff, and technicians, providing them with comprehensive product knowledge and presentation skills.

R&D Design and Innovative Thinking

Our multidisciplinary team is ready to meet special requirements by creating blueprints, analyzing costs, and crafting customized solutions for our clients, ensuring the best fit for their needs.



Commitment to Product Quality and Customer First

- Each product undergoes routine quality control by the Quality Department before being stocked.
- For scheduled orders, we offer the possibility of preparing customized stock.
- Transportation options include courier, express courier, and sea freight services.

Rigorous Product Testing

- Every batch of products received from the factory is thoroughly inspected by the Quality Control Department.
- Samples from each batch are tested, and tracking sheets are generated.
- Our laboratory is equipped with the latest control and measurement equipment, including advanced network analyzers.

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Short Body Keystone Jack (UTP)



	
Details	   
Selling Points	 High-Speed Transmission  Gold-Plated Contacts  Toolless Installation  Stable and Durable Plug-and-Play
Feature	•Short style, length of 30.3mm. •Smaller in size and lighter in weight compared to existing modules. •Compatible with 86 faceplates and cabinet wiring racks for various standard network port installations. •stable performance. •No special tools required for wiring. •Pass the FLUKE Channel test. •Supports 60W and 100W POE testing. •Patent design, push-to-open mechanism, no screwdrivers needed.
Structural Description	•Suitable Cable Range: 26-23AWG (Solid/Stranded) •Suitable Cable Sheath: 6.0-9.0mm •Storage Temperature: -40°C~+70°C •Operating Temperature: -10°C~+60°C •Primary Materials: Plastic. Body: PC UL94-V0. Plastic IDC and Wiring Cover Plate: PC UL94-V0 •Product Dimensions: 30.3*16.8*22.0mm •Product Color: White,Red, Blue, Black, Yellow, Green

Model

Part No.	Description
506632■■■■■■■■■	CAT.6 180° UTP tool-free keystone jack,component-rated (Wireless Harness Function)
506633■■■■■■■■■	CAT.6A 180° UTP tool-free keystone jack,component-rated (Wireless Harness Function)
	CAT.5E 180° UTP tool-free keystone jack,component-rated (Wireless Harness Function)

Short Body Keystone Jack (FTP)



	
Details	   
Selling Points	 High-Speed Transmission  Gold-Plated Contacts  Toolless Installation  Stable and Durable Plug-and-Play
Feature	•Compact shielding, length of 26.33mm. •Smaller in size and lighter in weight compared to existing modules. •Compatible with 86 panels and cabinet wiring racks for various standard network port installations. •Strong anti-interference capability, stable performance. •No special tools required for wiring. •Pass the FLUKE Channel test. •Supports 60W and 100W POE testing. •Patented design, push-to-open mechanism, no screwdriver needed.
Structural Description	•Suitable Cable Range: 26-23AWG (Solid/Stranded) •Suitable Cable Sheath: 6.0-9.0mm •Storage Temperature: -40°C~+70°C •Operating Temperature: -10°C~+60°C •Primary Materials: Main Body: Zinc Alloy. Plastic IDC and Wiring Cover Plate: PC UL94-V0 •Product Dimensions: 26.3*16.3*22.0mm •Product Color: Silver

Model

Part No.	Description
506434■■■■■■■■■	CAT.6A 180° STP tool-free keystone jack,component-rated
506435■■■■■■■■■	CAT.7 180° STP tool-free keystone jack,component-rated
	CAT.5E 180° STP tool-free keystone jack,component-rated
	CAT.6 180° STP tool-free keystone jack,component-rated

Toolless Keystone Jack (UTP)



Details				
Selling Points				
Feature	• Small size with high-density design. • Compatible with 1U 48-port panels. • Universal wire sequence labels for T568A and T568B. • Capable of passing POE tests for 60W and 100W. • Compliant with IEC60603-7 and ANSI/TIA-568C.2 -D. • UL1863 certified.			
Structural Description	• Suitable Cable Range: 26-23AWG (Solid/Stranded) • Suitable Cable Sheath: 5.5-9.0mm • Storage Temperature: -40°C~+70°C • Operating Temperature: -10°C~+60°C • Primary Materials: PC UL94-V0 • Product Dimensions: 34.6*16.8*22.0mm • Product Color: Black/White			

Model

Part No.	Description
506231 ■■■■■■	CAT.5E 180° UTP tool-free keystone jack, component-rated (Lacks wireless functionality)
506232 ■■■■■■	CAT.6 180° UTP tool-free keystone jack, component-rated (Lacks wireless functionality)
506233 ■■■■■■	CAT.6A 180° UTP tool-free keystone jack, component-rated (Lacks wireless functionality)
	CAT.5E 180° UTP tool-free keystone jack, component-rated (Has wired functionality)
	CAT.6 180° UTP tool-free keystone jack, component-rated (Has wired functionality)
	CAT.6A 180° UTP tool-free keystone jack, component-rated (Has wired functionality)



Toolless Keystone Jack (FTP)

Details				
Selling Points				
Feature	• Shielded Module, Strong Anti-Interference. • Zinc Alloy Exterior, Rapid Transmission Speed. • No Special Tools Needed, Simple and Quick Installation. • Durable for Plugging and Unplugging, Compatible with 1U24, 48 Port Patch Panels, 86*86 Network Faceplates.			
Structural Description	• Suitable Cable Range: 26-23AWG (Solid/Stranded) • Suitable Cable Sheath: 5.5-9.3mm • Storage Temperature: -40°C~+70°C • Operating Temperature: -10°C~+60°C • Primary Materials: Main Body: Zinc Alloy. Plastic IDC and Wiring Cover Plate: PC UL94-V0 • Product Dimensions: 37.5*14.5*22mm • Product Color: Silver			

Model

Part No.	Description
506131 ■■■■■■	CAT.5E 180° STP tool-free keystone jack, component-rated
506132 ■■■■■■	CAT.6 180° STP tool-free keystone jack, component-rated
506133 ■■■■■■	CAT.6A 180° STP tool-free keystone jack, component-rated
506135 ■■■■■■	CAT.7 180° STP tool-free keystone jack, component-rated

Unshielded Inline Coupler



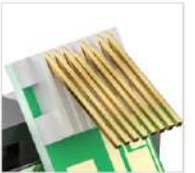
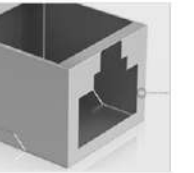
Details	  			
Selling Points	 Stable Connection	 Quick Installation	 Universal Interface	 Precision Gold-plated Contacts
Feature	•Unshielded Inline Coupler. •Flame-Retardant: Auto-extinguishing upon removal from the fire source. •Convenient and Quick: Damage-free extension. •Stable Connection: No frame loss. •Gigabit Transmission Speed. •Durable to plugging and unplugging. •Gold-plated pins. •Phosphor bronze sockets.			
Structural Description	•Insulation resistance : 500MΩ •Insertion force : 20N max.(IEC 60603-7) •Operating Temperature: -10°C~+60°C •Primary Materials: PC UL 94-V0; •Product Dimensions: 31.6*16*16.1mm •Product Color: Red, Yellow, Green, White, Blue, Transparent			

Model

Part No.	Description
506251■■■■■■■	CAT.5E Unshielded Inline Coupler
506252■■■■■■■	CAT.6 Unshielded Inline Coupler
506434■■■■■■■	CAT.6A Unshielded Inline Coupler

Shielded Inline Coupler



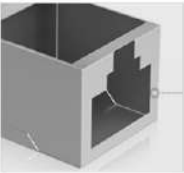
Details	  			
Selling Points	 Stable Connection	 Quick Installation	 Universal Interface	 Precision Gold-plated Contacts
Feature	• Shielded design for strong anti-interference performance; • Compact, high-density design fits into blank port openings on patch panels; • Lossless signal extension with a stable connection and no signal loss; • High-speed data transmission; • Easy installation and plug-and-play operation; • Durable construction withstands repeated plugging and unplugging.			
Structural Description	• Service life: >750 cycles • Insertion force: 30 N / 3.06 kgf max • Storage temperature: -20°C~+60°C • Operating temperature: -20°C~+60°C • Main materials: Housing—stainless steel; body—ABS, UL94-V0 rated • Product dimensions: 31.2*14.5*16.1 mm • Product color: Silver			

Model

Part No.	Description
506553■■■■■■■	CAT.6A Shielded Inline Coupler (Standard Type)
506553■■■■■■■	CAT.6A Shielded Inline Coupler (Desktop Type)

Shielded Inline Coupler



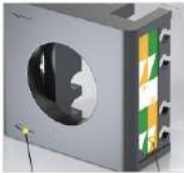
	
Details	  
Selling Points	 Stable Connection  Quick Installation  Universal Interface  Precision Gold-plated Contacts
Feature	•Shielded Module, Anti-Interference. •Flame-Retardant: Auto-extinguishing upon removal from the fire source., •Convenient and Quick: Damage-free extension. •Stable Connection: No frame drops. •Gigabit Transmission Speed. •Durable for repeated plugging and unplugging.
Structural Description	•Materials : Phosphor bronze flat wire nickel plated. •Insertion force : 20N max.(IEC 60603-7) •Operating Temperature: -10°C~+60°C •Primary Materials: PC ,RJ45 •Product Dimensions: 31.6*16*16.1mm •Product Color: Black

Model

Part No.	Description
506557■■■■■■■	CAT.5 180° Shielded Inline Coupler
	CAT.5E 180° Shielded Inline Coupler
	CAT.6 180° Shielded Inline Coupler



CAT.8 Keystone Jack (FTP)

	
Details	   
Selling Points	 High-Speed Transmission  Gold-Plated Contacts  Toolless Installation  Stable and Durable Plug-and-Play
Feature	• Designed for extreme performance in data centers, featuring PCB compensation design tailored for CAT.8 component requirements. • Compact, high-density design that fits a 1U 48-port panel. • Easy to install on-site with T568A&B wiring position. • Certified by UL 1863. • CAT.8 design supports Ethernet with a rate up to 40Gbps, and a range up to 30 meters, suitable for the connection from data centers switches to servers. • Pass FLUKE Channel test. • Capable of passing 60W and 100W POE tests. • Complies with IEC60603-7 and ANSI/TIA-568.2-D.
Structural Description	•Suitable Cable Range: 24-22AWG (Solid/Stranded) •Suitable Cable Sheath: 7.0-9.0mm •Storage Temperature: -40°C~+70°C •Operating Temperature: -10°C~+60°C •Primary Materials: Main Body: Zinc Alloy. Plastic IDC and Wiring Cover Plate: PC UL94-V0 •Product Dimensions: 39.5*16.5*22.0mm •Product Color: Orange, Black, Green, Red

Model

Part No.	Description
506136■■■■■■■	CAT.8 180° STP Toolless keystone jack,component-rated.

Network Toolless Modular Plug (UTP)



Details				
Selling Points				
Feature	• Easy for onsite terminal installation, with T568A & B wiring configuration. • Certified by UL 1863. • The CAT.6A design supports Ethernet with speeds up to 10Gbps over distances up to 100 meters, suitable for data center switch to server connections. • Pass FLUKE Channel testing. • Capable of passing 60W and 100W Power over Ethernet (PoE) testing. • Compliant with IEC60603-7 and ANSI/TIA-568.2-D.			
Structural Description	• Suitable Cable Range: 26-23AWG (Solid/Stranded) • Suitable Cable Sheath: 5.5-7.5mm • Storage Temperature: -40°C~+70°C • Operating Temperature: -10°C~+60°C • Primary Materials: Main Body: PC. Plastic IDC and Wiring Cover Plate: PC UL94-V0 • Product Dimensions: 51 x 14.1 x 17.4mm • Product Color: Red, blue, Yellow, Azure, Green, Black			

Model

Part No.	Description
10001010000	CAT.5E 180° UTP tool-free plug, component-rated
10001010000	CAT.6 180° UTP tool-free plug, component-rated
10001010000	CAT.6A 180° UTP tool-free plug, component-rated

Network Toolless Modular Plug (FTP)



Details				
Selling Points				
Feature	• Easy to install on-site for terminal connections, featuring T568A&B wiring configurations. • Complies with UL1863 certification. • CAT.6A design supports Ethernet, with speeds up to 10Gbps and distances up to 100 meters, ideal for connections from data center switches to servers. • Pass FLUKE Channel testing. • Capable of passing 60W and 100W Power over Ethernet (PoE) tests. • Complies with IEC60603-7 and ANSI/TIA-568.2-D standards.			
Structural Description	• Suitable Cable Range: 24-22AWG (Solid/Stranded) • Suitable Cable Sheath: 0.19-0.33inches (4.9-8.5mm) • Storage Temperature: -40°C~+70°C • Operating Temperature: -10°C~+60°C • Primary Materials: Main Body: Zinc Alloy. Plastic IDC and Wiring Cover Plate: PC UL94-V0 • Product Dimensions: 59.8 x 14.0 x 17.4mm • Product Color: Blue, Black, Yellow, Red, Gray, Green			

Model

Part No.	Description
11200010003	CAT.5E 180° STP tool-free plug, component-rated
11200010008	CAT.6 180° STP tool-free plug, component-rated
11200010006	CAT.6A 180° STP tool-free plug, component-rated
11200010009	CAT.7 180° STP tool-free plug, component-rated
11200010001	CAT.8 180° STP tool-free plug, component-rated

Industrial 8P4C Toolless Modular Plug



				
Details				
Selling Points				
Feature	- Industrial-grade with Profinet EtherCAT four-core Ethernet cable RJ45 connector. - Easy for onsite terminal installation, with four-color wire positioning. - Passed the UL 1863 certification for CAT.5E design supporting Ethernet with speeds up to 100 Mbt/s and distances up to 100 meters, used for connections from industrial switches to servers. - Pass FLUKE Channel testing. - Compliant with IEC60603-7 and ANSI/TIA-568.2-D.			
Structural Description	- Suitable Cable Range: 24-22AWG (Solid/Stranded) - Storage Temperature: -40°C~+70°C - Operating Temperature: -10°C~+60°C - Primary Materials: Zinc Alloy - Product Dimensions: 54 x 13.7 x 16mm - Product Color: Silver			

Model

Part No.	Description
1120003■■■■0	CAT.5E 180° STP tool-free plug, component-rated (8P4C)
	CAT.6A 180° STP tool-free plug, component-rated (8P8C)

M12 Industrial Connector



				
Details				
Selling Points				
Feature	- Compact and Lightweight Design. - Durable Housing: Die-cast zinc with nickel plating, offering superior hardness and wear resistance. - High Insulation Resistance: $\geq 100M\Omega$ for strong electrical insulation. - Shielded Connector: Effective against electromagnetic interference. - Waterproof Sealing: Equipped with a waterproof seal. - Used in infrastructure, industrial automation, and rail transport communication interfaces.			
Structural Description	- Contact Holder Material: Nylon/Black - Contact Material: Brass/Gold-plated - Wiring Method: Crimp Connection - Insulation Resistance: $\geq 100M\Omega$ - Contact Resistance: $\leq 5m\Omega$ - Pollution Degree: 3 - Operating Temperature: -25°C~+85°C - Protection Rating: IP67 - Plug/Unplug Cycles: ≥ 100 - Torque: 0.4Nm (for M12 Plug Connector) - Standard Compliance: IEC 61076-2-101			

Model Number	Clamping Range	Voltage	Current	Number of Pins	Pin Specifications
M12 -D Code	5~8.8mm	250V	4A	M12 D Code	Suitable for wire gauge 26-22 AWG

Model

Part No.	Description
	CAT.5E 180° STP M12-D Code

American-Style Faceplate

Product Feature

- Suitable for various RJ45 modules.
- Sleek appearance for a more stylish look.
- Sliding door to prevent dust entry.
- Designed for CAT.5E or CAT.6 performance, in compliance with EIA/TIA specifications.
- Compatible with RJ45 module sockets.

Structural Description

Suitable Range	Module
Storage Temperature	-40℃~+70℃
Operating Temperature	-10℃~+60℃
Primary Material	PC flame-retardant material
Product Dimensions	118*70mm
Product Color	white



Model



Face Plate

Golden 86 Faceplate Keystone Plate



Gray 86 Faceplate Keystone Plate



White Faceplate Keystone Wall Plate



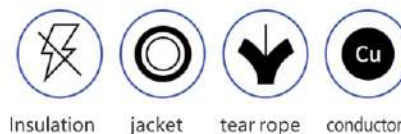
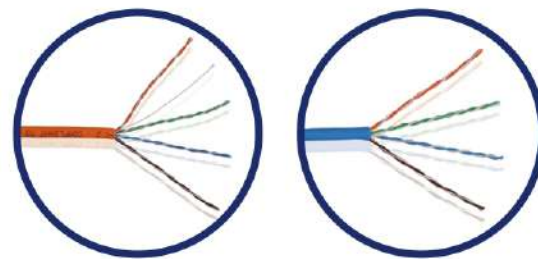
copper system

CAT.5E UTP solid cable



Standard specification

- American ANSI/TA-568-C.2 CAT.5E standard
- International ISOIEC11801:2002 (2nd edition) Class E standard
- European EN50173:2002 (2nd edition) standard
- China GB50311-2007 standard



! product information

Product description

CAT.5E UTP cable is based on the basic CAT.5E standard. Provides extra performance and bandwidth reservations. Beyond ANSI/TIA-568-C.2, ISO/IEC11801:2002, EN5013:2002 requirements for CAT.5E, providing up to 155MHz bandwidth applications.

Application field

- CAT.5E horizontal wiring
- Supports 90m permanent link with CP point
- 1000Mbps and higher Ethernet applications
- ATM2.4G

Product parameters									
Number of cable pairs	Conductor material	Conductor Nominal Diameter	wire gauge	NVP value	Maximum DC resistance	Operating temperature	maximum pulling force	Outer Sheath Material	delivery length
4 pairs	Oxygen-free pure copper	0.51mm	24AWG	≤69%	≤9.5Ω/100M	-20°C~+60°C	11.34KG	LSZH/PVC	305M/plate

Product Specifications	
Product number	Product Description
DC5E04UCMGY	CAT.5E UTP,PVC,BLUE
DC5E04ULSOR	CAT.5E UTP,LSZH,ORANGE
DC5E04ULSOR	CAT.5E UTP,CMR,GREY

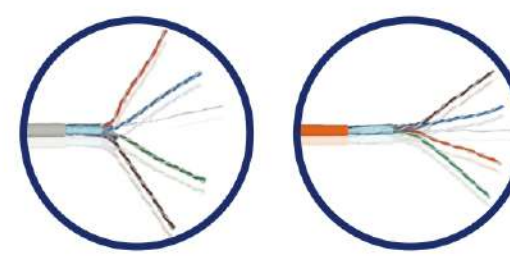
copper system

CAT.5E FTP solid cable



Standard specification

- American ANSI/TA-568-C.2 CAT.5E standard
- International ISOIEC11801:2002 (2nd edition) Class E standard
- European EN50173:2002 (2nd edition) standard
- China GB50311-2007 standard



! product information

Product description

CAT.5E FTP cables are used for horizontal wiring or building vertical trunks. Exceeds the requirements of CAT.5 in ANSI/TIA-568-C.2, provides up to 155MHz bandwidth applications; supports 100BaseT, Gigabit Ethernet, ATM, multimedia, etc. fully grasps the application and development of future networks, in line with future networks requirements; with full power summation and near-end crosstalk characteristics, providing the highest cable performance for existing network applications.

Application field

- Complex electromagnetic environment
- CAT.5E horizontal wiring
- Supports 90m permanent link with CP point
- 1000Mbps and higher Ethernet applications
- ATM2.4G

Product parameters									
Number of cable pairs	Conductor material	Conductor Nominal Diameter	wire gauge	NVP value	Maximum DC resistance	Operating temperature	maximum pulling force	Outer Sheath Material	delivery length
4 pairs	Oxygen-free pure copper	0.51mm	24AWG	≤71%	≤9.5Ω/100M	-20°C~+60°C	11.34KG	LSZH/PVC	305M//plate

Product Specifications	
Product number	Product Description
DC5E04FCMGY	CAT.5E FTP,PVC,BLUE
DC5E04FLSOR	CAT.5E FTP,LSZH,ORANGE
DC5E04FCRGY	CAT.5E FTP,CMR,GREY

copper system

CAT.6 UTP solid cable



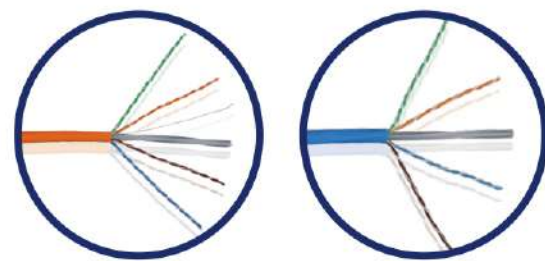
! product information

Product description

CAT.6 UTP cables have determined new performance evaluation indicators. Exceeds the requirements for CAT.6 in ANSI/TIA-568 -C.2/ISO/IEC11801:2002EN5013:2002 to provide up to 350MHz bandwidth applications, when used as horizontal wiring, it can provide significant headroom, with high performance CAT.6 connections hardware to provide users with more optimized transmission performance support.

Standard specification

- American ANSI/TA-568-C.2 CAT.6 standard
- International ISOIEC11801:2002 (2nd edition) Class E standard
- European EN50173:2002 (2nd edition) standard
- China GB50311-2007 standard



Application field

- CAT.6 of horizontal and vertical wiring
- Supports 90m permanent link with CP point
- 1000Mbps and higher Ethernet applications
- ATM2.4G

Product parameters									
Number of cable pairs	Conductor material	Conductor Nominal Diameter	wire gauge	NVP value	Maximum DC resistance	Operating temperature	maximum pulling force	Outer Sheath Material	delivery length
4 pairs	Oxygen-free Round copper	0.57mm	23AWG	≤69%	8Ω/100M	-20℃~+60℃	11.34KG	LSZH/PVC	305M/plate

Product Specifications	
Product number	Product Description
DC604UCMBU	CAT.6 UTP,PVC,Blue
DC604ULSOR	CAT.6 UTP,LSZH,Orange
DC604UCRGY	CAT.6 UTP,CMR,Gray

copper system

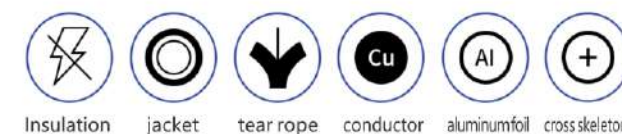
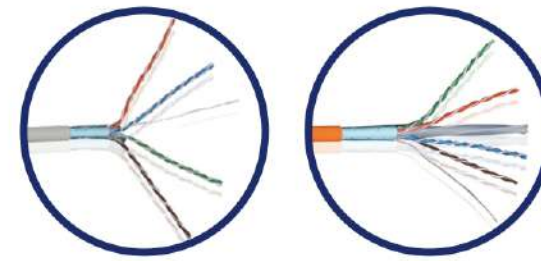
CAT.6 FTP solid cable



! product information

Standard specification

- American ANSI/TA-568-C.2 CAT.6 standard
- International ISOIEC11801:2002 (2nd edition) Class E standard
- European EN50173:2002 (2nd edition) standard
- China GB50311-2007 standard



Product description

CAT.6 FTP cable is used for horizontal cabling or building vertical trunks, exceeding the requirements for CAT.6 in ANSI/TIA-568-C.2, providing up to 350MHz bandwidth applications: Supports 100BaseT, Gigabit Ethernet, ATM, Multimedia, etc.It fully grasps the application and development of future networks and meets the needs of future networks; it has full power summation and near-end crosstalk characteristics, providing the highest cable performance for existing network applications.

Application field

- Under complex electromagnetic environment and occasions requiring shielding according to regulations
- CAT.6 of horizontal and vertical wiring
- Supports 90m permanent link with CP point
- 1000Mbps and higher Ethernet applications
- ATM2.4G

Product parameters									
Number of cable pairs	Conductor material	Conductor Nominal Diameter	wire gauge	NVP value	Maximum DC resistance	Operating temperature	maximum pulling force	Outer Sheath Material	delivery length
4 pairs	Oxygen-free Round copper	0.57mm	23AWG	≤71%	8Ω/100M	-20℃~+60℃	11.34KG	LSZH/PVC	305M/plate

Product Specifications	
Product number	Product Description
DC604FCMGY	CAT.6 FTP,PVC,Blue
DC604FLSOR	CAT.6 FTP,LSZH,Orange
DC604FCRGY	CAT.6 FTP,CMR,Gray

CAT.6A UTP solid cable



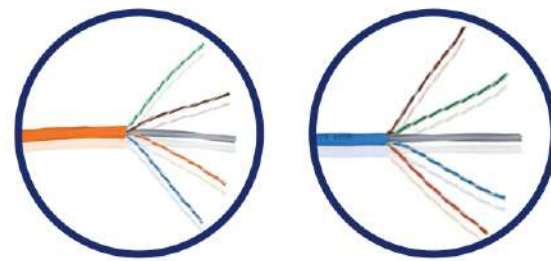
! product information

Product description

CAT.6A UTP cables are used for horizontal wiring or building vertical trunks. It exceeds the requirements of TIA/EIA-568-B.2-10 Augmented CAT.6A specifications, provides up to 550MHz bandwidth applications, and has the best price/performance ratio. It is the best choice for full-duplex high-speed data transmission supporting emerging convergence technologies and streaming media applications.

Standard specification

- American ANSI/TIA-568-C.2 Cat6A standard
- International ISO/IEC11801 Class E A standard
- UL CMR and CSA Ft4
- UL CMR and CSA FT6



Application field

- 6A/ Class EA horizontal and vertical wiring
- Supports 90m permanent link with CP point
- 10G Base-T Ethernet should
- ATM2.4G

Product parameters

Number of cable pairs	Conductor material	Conductor Nominal Diameter	wire gauge	NVP value	Maximum DC resistance	Operating temperature	maximum pulling force	Outer Sheath Material	delivery length
4 pairs	Oxygen-free Round copper	0.57mm	23AWG	≤66%	8Ω/100M	-20°C~+60°C	11.34KG	LSZH/PVC	305M/plate

Product Specifications

Product number	Product Description
DC6A04UCMBU	CAT.6A 10G UTP,PVC,Blue
DC6A04ULSOR	CAT.6A 10G UTP,LSZH,Orange
DC6A04UCRGY	CAT.6A 10G UTP,CMR,Green

CAT.6A S/FTP solid cable



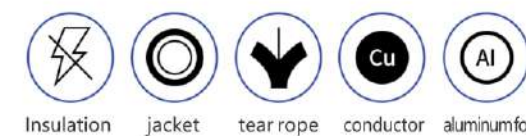
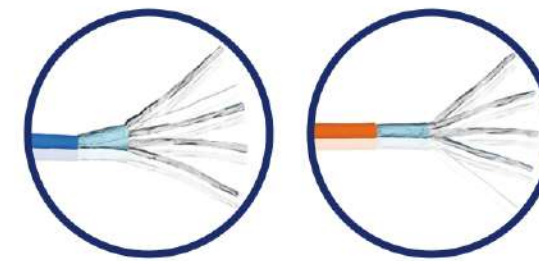
! product information

Application field

- Under complex electromagnetic environment, and occasions requiring shielding according to regulations
- 6A/ Class EA horizontal and vertical wiring
- Supports 90m permanent link with CP point
- 10G Base-T Ethernet should
- ATM2.4G

Standard specification

- American ANSI/TIA-568-C.2 Cat6A standard
- International ISO/IEC11801 Class E A standard
- UL CMR and CSA FT4
- UL CMR and CSA FT6



Product description

CAT.6A FTP cables are used for horizontal wiring or building vertical trunks. It exceeds the requirements of TIA/EIA568C.2 Cat6A and ISO/IEC11801 Class EA specifications, provides up to 550MHz bandwidth applications, and has the best price/performance ratio. It is the best choice for full-duplex high-speed data transmission supporting emerging convergence technologies and streaming media applications.

Product parameters

Number of cable pairs	Conductor material	Conductor Nominal Diameter	wire gauge	NVP value	Maximum DC resistance	Operating temperature	maximum pulling force	Outer Sheath Material	delivery length
4 pairs	Oxygen-free pure copper	0.57mm	23AWG	≤66%	8Ω/100M	-20°C~+60°C	11.34KG	LSZH/PVC	305M/plate

Product Specifications

Product number	Product Description
DC6A04F/FCMBU	CAT.6A 10G S/FTP,PVC,Blue
DC6A04F/FLSOR	CAT.6A 10G S/FTP,LSZH,Orange
DC6A04F/FCRGY	CAT.6A 10G S/FTP,CMR,Gray

CAT.5E Patch Cable

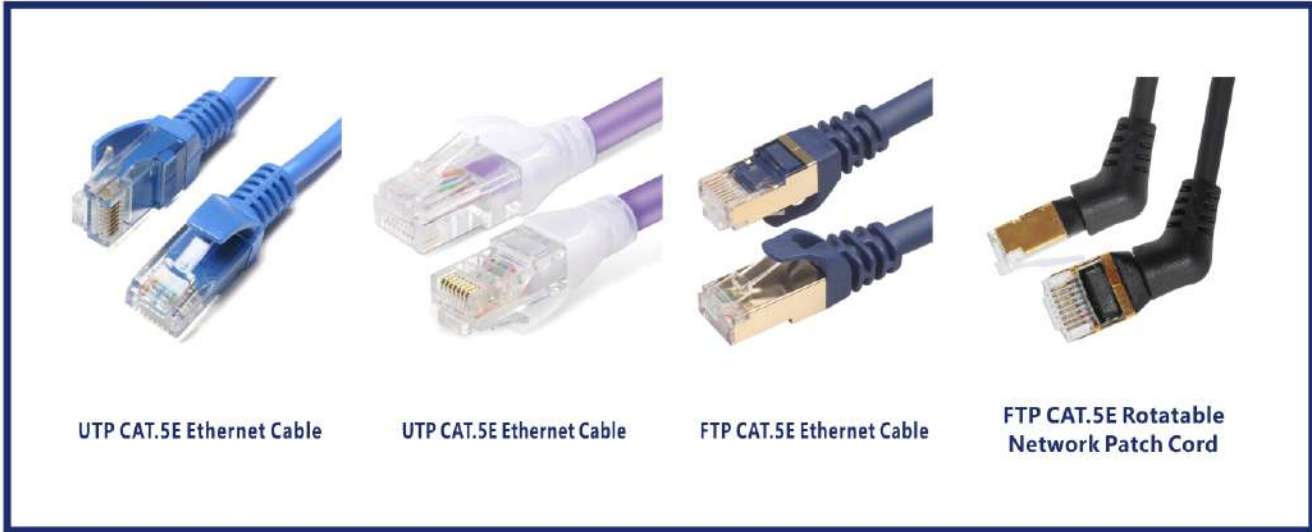
Product Feature

- Supports 100Mbps and can achieve Gigabit network speeds.
- Test frequency bandwidth reaches up to 100MHz, with a maximum rate of 1000Mb/s.
- Transmission range of up to 100 meters is not a problem.
- Stable transmission, no disconnections when browsing the internet.
- Oxygen-free copper core.
- **Application scope:** Small offices, home use.



Structure	UTP	FTP	SF/UTP
Wire Gauge	24AWG/26AWG/28AWG	24AWG/26AWG/28AWG	24AWG/26AWG/28AWG
Conductor Configuration	Single Core Multicore	Single Core Multicore	Single Core Multicore
Jacket Material	PVC/LSZH	PVC/LSZH	PVC/LSZH
Gold-Plated Connectors	Fμ 1μ 3μ 6μ 15μ 30μ 50μ		
Color	White(RAL9016) Grey(RAL7042) Orange(RAL2003) Green(RAL6016) Blue(RAL5017) Red(RAL3020) Yellow(RAL1018)		
Testing Standards	Channel Patch cord	Channel Patch cord	Channel Patch cord

Product Type



CAT.6 Patch Cable

Product Feature

- Test frequency bandwidth reaches up to 250MHz, with a maximum rate of 1Gb/s.
- Transmission range of up to 100 meters is not a problem.
- Stable transmission, no disconnections when browsing the internet.
- Oxygen-free copper core.
- **Application scope:** Large enterprises, high-speed applications.



Structure	UTP	FTP	S/FTP
Wire Gauge	24AWG/26AWG/28AWG	26AWG/28AWG	26AWG/28AWG
Conductor Configuration	Single Core Multicore	Single Core Multicore	Single Core Multicore
Jacket Material	PVC/LSZH	PVC/LSZH	PVC/LSZH
Gold-Plated Connectors	Fμ 1μ 3μ 6μ 15μ 30μ 50μ		
Color	White(RAL9016) Grey(RAL7042) Orange(RAL2003) Green(RAL6016) Blue(RAL5017) Red(RAL3020) Yellow(RAL1018)		
Testing Standards	Channel Patch cord	Channel Patch cord	Channel Patch cord

Product Type



CAT.6A Patch Cable

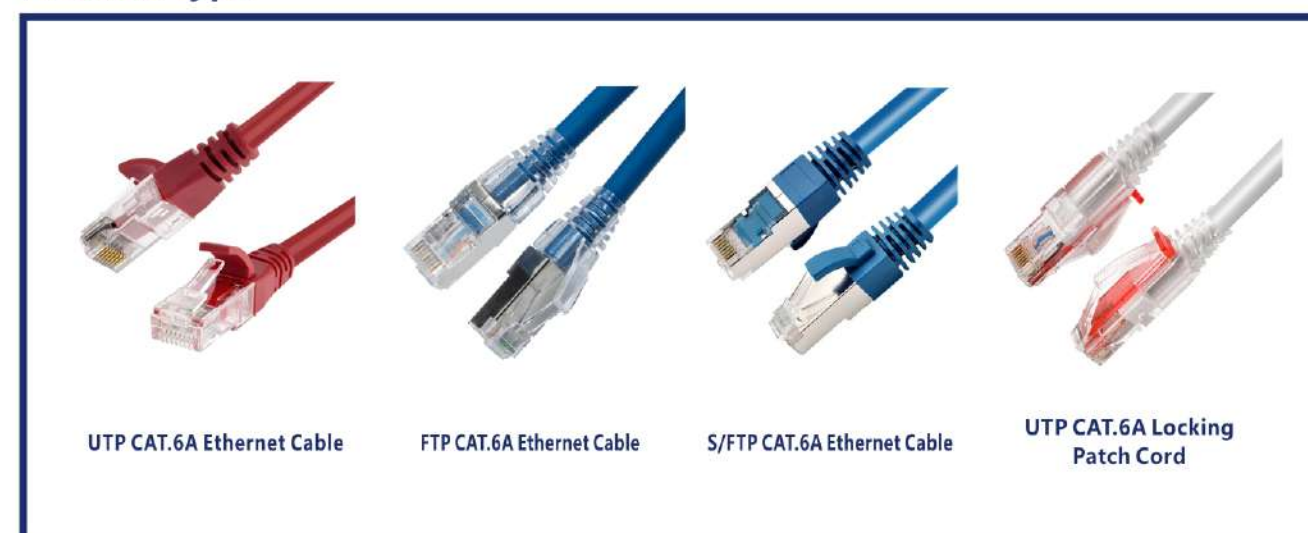
Product Feature

- Test frequency bandwidth reaches up to 500MHz, with a maximum rate of 10 Gb/s.
- Transmission range is up to 100 meters.
- Stable transmission, no disconnections when browsing the internet.
- Oxygen-free copper core.
- **Application scope:** Large enterprises, high-speed applications.



Structure	UTP	FTP	S/FTP
Wire Gauge	24AWG/28AWG	26AWG/28AWG	26AWG/28AWG
Conductor Configuration	Single Core Multicore	Single Core Multicore	Single Core Multicore
Jacket Material	PVC/LSZH	PVC/LSZH	PVC/LSZH
Gold-Plated Connectors	Fμ 1μ 3μ 6μ 15μ 30μ 50μ		
Colors	White(RAL9016) Grey(RAL7042) Orange(RAL2003) Green(RAL6016) Blue(RAL5017) Red(RAL3020) Yellow(RAL1018)		
Testing Standards	Channel Patch cord	Channel Patch cord	Channel Patch cord

Product Type



CAT.8 Patch Cable

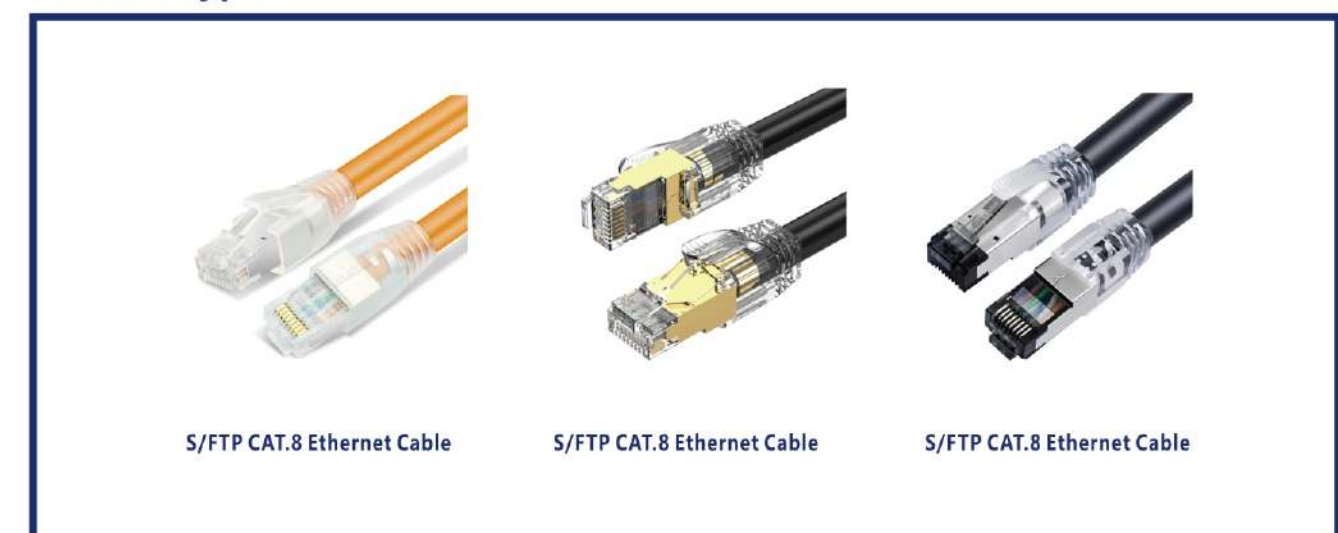
Product Feature

- Test frequency bandwidth reaches up to 2000MHz, with a maximum rate of 40 Gb/s.
- Transmission range is up to 30 meters.
- Stable transmission, no disconnections when browsing the internet.
- Oxygen-free copper core.
- **Application scope:** Data centers, high-speed broadband environments.



Structure	S/FTP
Wire Gauge	23AWG 24AWG 26AWG 28AWG
Conductor Configuration	Single Core Multicore
Jacket Material	PVC/LSZH
Gold-Plated Connectors	50μ
Colors	White(RAL9016) Grey(RAL7042) Orange(RAL2003) Green(RAL6016) Blue(RAL5017) Red(RAL3020) Yellow(RAL1018)
Testing Standards	Channel

Product Type



Patch Panel

Half U unloaded Patch panel with 21 UTP port

Feature

- The material is made of cold-rolled steel plate, which is stronger;
- Surface frosting process, Anti-rust, not easy to leave fingerprints;
- Detachable, Rear-mounted cable management ring;
- Pass FLUKE test;
- Suitable for all 19-inch standard cabinets and racks.

Structural Description

Material: Cold-rolled steel plate

Specifications: Half U 24-port

Surface/Treatment: Sprayed with black matte

Application scenarios: Data centers, server rooms, management rooms, and equipment rooms

Overall dimensions: 483*23.5*83.5mm



1U unloaded Patch panel with 24 FTP ports

Feature

- The material is made of cold-rolled steel plate, which is more robust.
- The surface features a sandblasted finish that resists rust.
- It comes with a removable cover plate for easy label swapping.
- There's a detachable posterior cable management loop.
- It has passed the FLUKE performance test.
- It's compatible with all 19-inch standard cabinets and racks.

Structural Description

Material: Cold-rolled Steel Plate

Specifications: 1U 24-port

Manufacturing Process: Assembly type

Application scenarios: Data centers, server rooms, control rooms, and equipment rooms

Overall Dimensions: 483*44.5*78mm



Patch Panel

1U unloaded Patch panel with 48 UTP ports

Feature

- Made from cold-rolled steel for enhanced durability.
- The surface is treated with a matte sandblasted finish, which is rust-resistant and less prone to fingerprints.
- Compatible with CAT.5, CAT.5E, CAT.6, CAT.6A.
- Modular design with a detachable, rear-positioned cable management loop.
- Passes FLUKE tests.
- Compatible with all standard 19-inch server cabinets and racks.

Structural Description

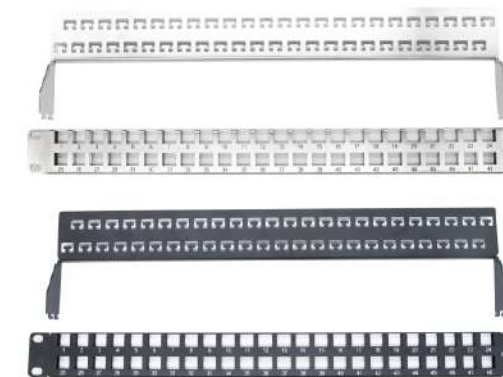
Material: Cold-rolled steel plate

Specifications: 1U 48-port

Category: CAT.5, CAT.5E, CAT.6, CAT.6A

Application scenarios: Data centers, computer rooms, management rooms, equipment rooms

Overall dimensions: 483*44*115mm



2U unloaded Patch panel with 48 FTP ports

Feature

- Gold-plated 48-port Patch panel suitable for 100/1000 Mbps networks.
- Compatible with CAT.5, CAT.5E, CAT.6, CAT.6A.
- Constructed by specially treated cold-rolled steel plate.
- Surface features a matte sandblasting finish, resistant to rust.
- Modular design, with detachable rear cable management loops.
- FLUKE tested.
- Fits all standard 19-inch cabinets and racks.

Structural Description

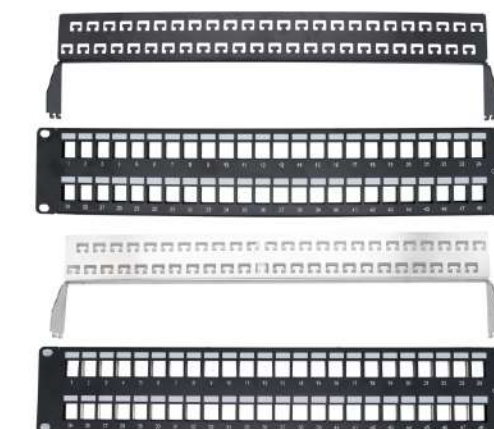
Material: Cold-rolled steel plate

Specifications: 2U 48-port

Category: CAT.5, CAT.5E, CAT.6, CAT.6A

Application scenarios: Data centers, computer rooms, management rooms, equipment rooms

Overall dimensions: 483*88*115mm



Cable Manager

5-slot Cabinet Cable Manager

Feature

- The material is made of thickened cold-rolled steel plate, which is sturdier.
- Smooth and bright baking paint process.
- Can easily withstand the tensile strength between wire bodies.
- Every part is designed with rounded corners to avoid scraping the wires.
- Passed FLUKE testing.
- Suitable for all 19-inch standard cabinets and racks.

Structural Description

Material: Cold-rolled steel plate

Specifications: 1U 5 ports

Process: Bright black baking paint

Applicable scenarios: Data centers, server rooms, management rooms, and equipment rooms

Overall dimensions: 480*45*65mm



12-slot Cabinet Cable Manager

Feature

- Featuring a D-ring design, it can accommodate a larger number of cables.
- Double-hinged cover plate protects cables from damage and dust.
- Constructed by high-quality cold-rolled steel plate for durability.
- Facilitates the installation and management of cables.
- Effectively prevents external electromagnetic interference.

Structural Description

Material: Cold-rolled steel, with a base plate thickness of 1.2mm and a cover plate thickness of 0.8mm

Specifications: 1U 12 slots, 1U 24 slots

Process: Base plate and cover plate are spray painted with black matte finish

Application scenarios: Data centers, computer rooms, management rooms, equipment rooms

Overall dimensions: 483*44.5*74mm



Cable Manager

24-slot Cabinet Cable Manager

Feature

- Made of ABS material, durable.
- With clear cable routing standards.
- The cable management rack is designed with a side channel that can accommodate 24 network cables.
- Finished network cables with RJ45 connectors can also pass through the designated holes.
- Wiring is simplified for more flexible design

Structural Description

Material: ABS

Specifications: 1U 24 Ports

Manufacturing: Modular Assembly

Applicable scenarios: Data Centers, Server Rooms, Control Rooms, Equipment Rooms

Overall dimensions: 482*42*352mm



Channel Type Cable Management Rack

Feature

- The product features strong fire resistance, It extinguishes once removed from the flame and is durable.
- Clear standards for cable routing.
- It accommodates multiple network cables in its channels.
- Finished Ethernet cables with RJ45 connectors can also pass through specified holes.
- Simplifies cabling, offering more flexible design.

Structural Description

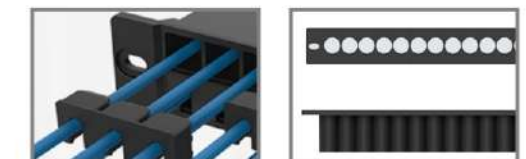
Material: Flame-resistant ABS

Specifications: 24-slot round port, 24-slot square port, 48-slot square port

Surface Treatment: Black matte

Applicable scenarios: Data centers, server rooms, management rooms, and equipment rooms

Overall dimensions: 480*40*45mm, 483*44*45mm



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Cabinet System



Sever Rack

Description

CR(Cabinet Rack) specially designed for network servers of high density in IT environment. With accessories of bracket, cable manager, PDU xing slot, high quality lock, It supplies safe place for important items. It can be easily transport in detachable packaging, can saving 2/3 space compared to assembled packaging. And it provides vertical mounting metal management. Provides more room for network cable management.

Standard

- ANSI/EIA-310-D
- IEC60297-2
- DIN41494:PART1
- DIN41494



Static loading



More stable



Easy assembly



Vented door

Product Feature

Materials	Structure	Front Door	Back Door	Ventilation Rate
SPCC cold rolled steel	Steel frame	CR20G : Glass door CR20P : Perforated door	Single plate/steel door	>70%
Side Panels	Thickness(mm)	Static Loading Capacity (KG)	Surface Finish	Degree of Protection
Removable side panels without key	Mounting profile 2.0mm Others 1.0- 1.2mm.	800	Degreasing, Silanization, Electrostatic spray	IP20

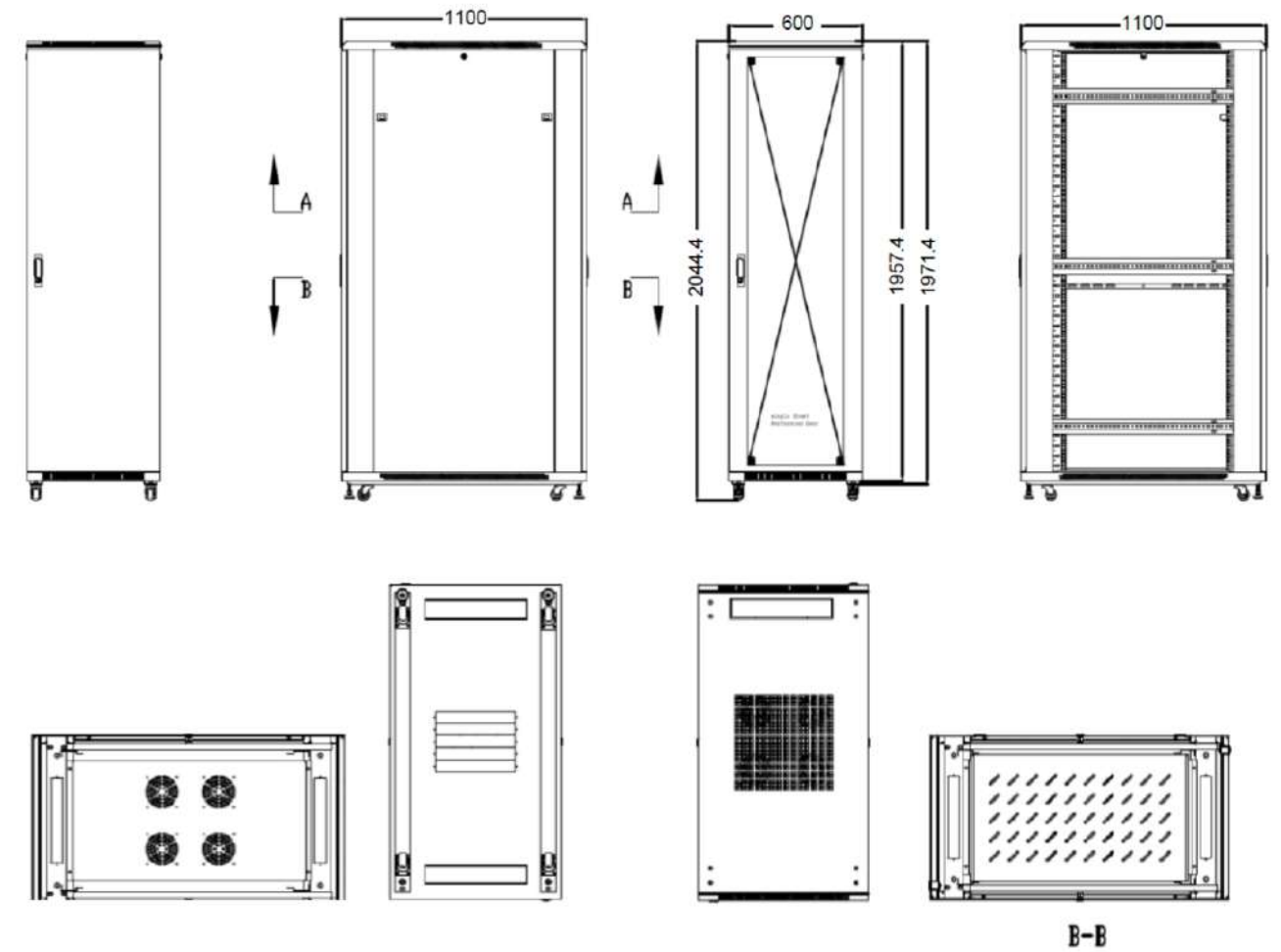
Part Number

Description	Measurement	P/N
Cabinet Rack 20U, with front glass door	1080 * 600 * 900	CR20G-0609-I3
Cabinet Rack 20U, with front perforated door	1080 * 600 * 900	CR20G-0609-I3

Product Configuration

No.	Component	Material	Structure Quantity	Remarks
1	Top cover	1.2mm SPCC	1 ea	—
2	Bottom panel	1.2mm SPCC	1 ea	—
3	Frame	1.2mm SPCC	2 ea	—
4	Side panel	1.0mm SPCC	2 ea	—
5	Mounting profile	2.0mm SPCC	4 ea	—
6	Mounting angle	1.5mm SPCC	6 ea	—

Drawing



Specification

Item	Characteristics
Frame material	Steel
Front door	Single perforated door with lock
Rear door	Single plate/steel door with lock
Door color	Black (RAL9004)
Side panels	Removable side panels without lock
Mounting bar	Cage Nut M6 type
Fan	2 fans on top
Foot	4 ea
Caster	4 ea
PDU	1 ea (8way 16A)

Product Accessories

Flipping Skylight



Fixed Skylight



Inter-Row Cable Bridge



Product Accessories

Tailgate



Power Distribution Box



M-Type Cable Manager Slot



Accessories



Mini Wall Mountable Rack



Description

MWR(Mini Wall Mountable Rack) can be mounted on the wall easily for copper or fiber patching in the telecommunication room. The MWR provides customers with low cost mounting for rack - mount equipment in server room. And customers can remove side, front panel from main frame to offer easy & fast access to install equipment & cabling. Cage Nut, bolt are included.

Standard

- ANSI/EIA-310-D
- IEC60297-2
- DIN41494:PART1
- DIN41494:PART7



Static loading



More stable



Easy assembly



Vented door

Product Feature

Materials	Structure	Front Door	Lock
SPCC cold rolled steel	Steel frame	Toughened glass front door	Small round lock
Side Panels	Thickness(mm)	Static Loading Capacity (KG)	Surface Finish
Removable side panels with lock	Mounting profile 1.5mm, Others 1.2mm&1.0mm	70KG	Degreasing, Silanization, Electrostatic spray

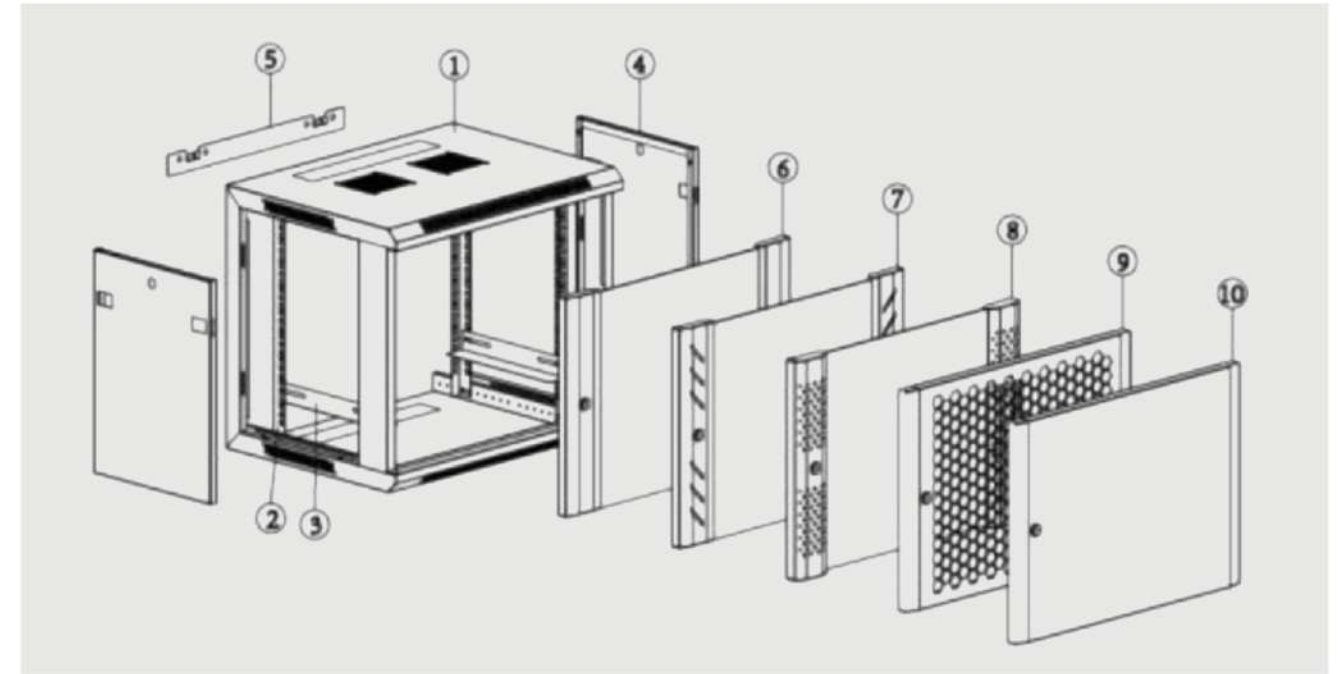
Part Number

Description	Measurement	P/N
MWR 15U, M6 cage nut & bolt 15ea	769 * 600 *600	MWR15M0-0606-I1

Product Configuration

No.	Component	Material	Structure Quantity	Remarks
1	Frame	1.2mm SPCC	1 ea	—
2	Front door	Glass	1 ea	—
3	Side panel	1.0mm SPCC	2 ea	—
4	Mounting profile	1.5mm SPCC	4 ea	—
5	Mounting panel	1.5mm SPCC	1 ea	—

Drawing



1. Frame
2. Mounting Profile
3. L rail(Optional)
4. Side Panel
5. Mounting Panel
6. Toughened glass front door
7. Toughened glass front door with slanted slot door border(Optional)
8. Toughened glass front door with round hole arc door border(Optional)
9. Hexagonal reticular high density vented plate door(Optional)
10. Plate steel door(Optional)

Specification

Item	Characteristics
Frame Material	Steel
Front door	Toughened glass front door
Frame color	Black (RAL9004)
Side panels	Removable side panels with lock
Mounting bar	Cage Nut M6 type
Fan	2 fans on top (with German plug)
PDU	1 ea (6way)

MW/MP Wall-Mounted Cabinets

STANDARD SPECIFICATION

- ANSI/EIA RS-310-D • IEC60297-3-100
- DIN41494:PART1 • DIN41494:PART7

PRODUCT INFORMATION Product Features

- Removable side panels, easy to install and maintain
- Optional Metal cable management
- Adjustable depth of installation
- Comply with UL, ROHS certifications



Materials	Structure	Static Loading Capacity
SPCC cold rolled steel	Welded frame	70KG
Thickness	Surface Finish	LOCK
Mounting profile 1.5mm Others 1.2mm Side panel 1.0mm	Degreasing, Silanization, Electrostatic Spraying	Small round lock

Product Specification	
Model No.	Description
MW/MP.6 ■■■.90 ■■	Toughened glass front door, door border without holes, small round lock
MW/MP.6 ■■■.91 ■■	Toughened glass front door, with round hole vented arc door border, small round lock
MW/MP.6 ■■■.92 ■■	Plate steel door, small round lock
MW/MP.6 ■■■.93 ■■	Hexagonal reticular high density vented plate door, small round lock
MW/MP.6 ■■■.94 ■■	Toughened glass front door, with slanted slot door border, small round lock

Remarks: First ■ denotes depth, second & third ■■ denotes capacity;
fourth & fifth ■■, "00"denotes Gray(RAL7035), "01"denotes Black(RAL9004)

MW Cabinets Specification

MW Cabinets Specification						
Model No.	Capacity (U)	Width (mm)	Depth (mm)	Height (mm)	Package Size (mm)	Packing Volume (M ³)
MW.6406. ■■■■	6	600	450	368	620*480*390	0.1498
MW.6A06. ■■■■			500		620*530*390	0.1642
MW.6506. ■■■■			550		620*580*390	0.1786
MW.6606. ■■■■			600		620*630*390	0.1930
MW.6409. ■■■■	9	600	450	501	620*480*520	0.1951
MW.6A09. ■■■■			500		620*530*520	0.2138
MW.6509. ■■■■			550		620*580*520	0.2326
MW.6609. ■■■■			600		620*630*520	0.2513
MW.6412. ■■■■	12	600	450	635	620*480*655	0.2421
MW.6A12. ■■■■			500		620*530*655	0.2654
MW.6512. ■■■■			550		620*580*655	0.2887
MW.6612. ■■■■			600		620*630*655	0.3119
MW.6415. ■■■■	15	600	450	769	620*480*790	0.2891
MW.6A15. ■■■■			500		620*530*790	0.3169
MW.6515. ■■■■			550		620*580*790	0.3447
MW.6615. ■■■■			600		620*630*790	0.3725
MW.6418. ■■■■	18	600	450	901	620*480*925	0.3344
MW.6A18. ■■■■			500		620*530*925	0.3666
MW.6518. ■■■■			550		620*580*925	0.3987
MW.6618. ■■■■			600		620*630*925	0.4309
MW.6422. ■■■■	22	600	450	1082	620*480*1100	0.3971
MW.6A22. ■■■■			500		620*530*1100	0.4353
MW.6522. ■■■■			550		620*580*1100	0.4735
MW.6622. ■■■■			600		620*630*1100	0.5117
MW.6427. ■■■■	27	600	450	1304	620*480*1325	0.4755
MW.6A27. ■■■■			500		620*530*1325	0.5212
MW.6527. ■■■■			550		620*580*1325	0.5670
MW.6627. ■■■■			600		620*630*1325	0.6127

Accessories

Castor



Product Information

Model No.	Specifications	Description
990101010	2" Heavy duty castor	Installation Dimension 36*53
990101011	2" Castor with brake	Installation Dimension 36*53 with brake
990101012	2.5" Heavy duty castor	Installation Dimension 36*53
990101013	2.5" Castor with brake	Installation Dimension 36*53 with brake

Cantilever Shelf



Product Information

Model No.	Specifications	Description
980113040	60 Cantilever Shelf- I (1U)	For 600 Depth Network Cabinet, 19" installation, 300mm depth
980113041	80 Cantilever Shelf- I (2U)	For 600 Depth Network Cabinet, 19" installation, 500mm depth

Remark: When $\blacksquare$ = 0, denotes Gray(RAL7035SN), When $\blacksquare$ = 1, denotes Black(RAL9004SN)

Cooling Fan



Product Information

Model No.	Specifications	Description
100207015-CP	Black 220V cooling fan (oil bearing)	120*120*38mm, 220V
100207016-CP	Black 110V cooling fan (oil bearing)	120*120*38mm, 110V
100207017-CP	Black 48V direct current fan (oil bearing)	120*120*38mm, 48V
100207018-CP	Black 220V cooling fan (ball bearing)	120*120*38mm, 220V
100207019-CP	Black 110V cooling fan (ball bearing)	120*120*38mm, 110V
100207020-CP	Black 48V direct current fan (ball bearing)	120*120*38mm, 48V

Baying Kits



Product Information

Model No.	Specifications	Description
990101016	MS/ML Baying Kits Without Side panels	SGLC, use for combining cabinets without side panels (MS/ML are in common use)
9801160402	MS/ML Baying Kits With Side panels	SGLC, use for combining cabinets with side panels MS/ML are in common use)
990101017	MK Baying Kits Without Side panels	SGLC, use for combining MK cabinets without side panels
9801131112	MK Baying Kits top type	SGLC, use for combining MK cabinets from the top

Accessories



KH-8LY-16A



KH-6K



KH-8FL-16A



KH-6KF



KH-8KG-XGB



KH-6KG



KH-81PKK-16A



KH-8D



KH-6KG-YB



KH-8K-DB



PRODUCT INFORMATION

Product Features

- Standard cabinet 19 inch rack mounting for power supply of equipment
- Various performance and specifications are available for customization
- Product performance is stable, quality assurance

Product Information

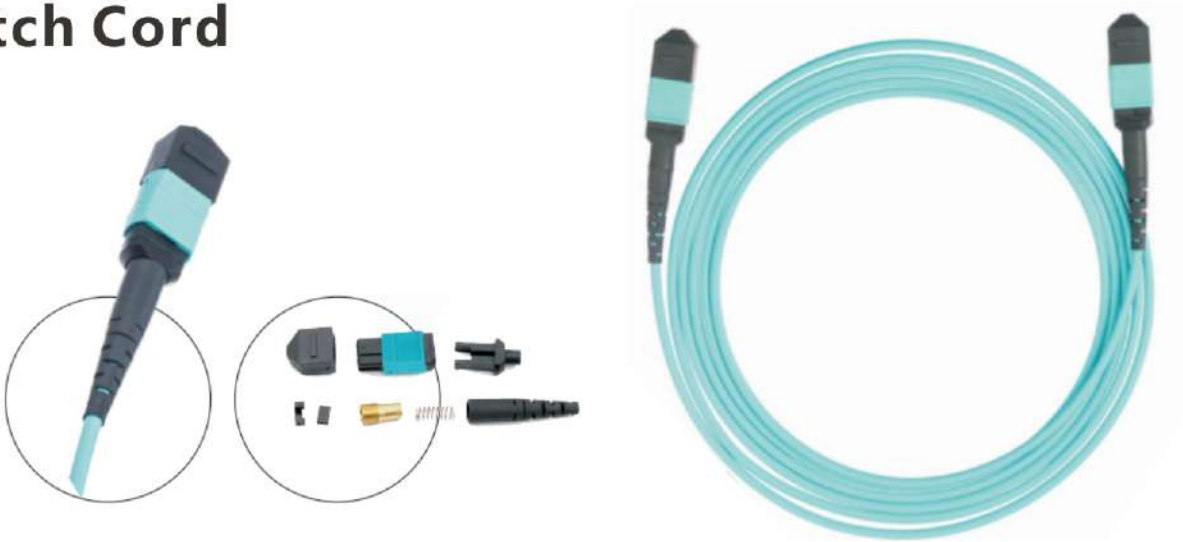
Model No.	Specifications	Description
990103001	KH-6K	1U10A All-usage type socket, 10A national standard plug, with main switch, 1.8m-length, 1.5m ² cable, 19" horizontal and vertical installation, blue trip, aluminium alloy case
990103002	KH-6KG	1U10A All-usage type socket, 10A national standard plug, with main switch, overload protection, 1.8m-length, 1.5m ² cable, 19" horizontal and vertical installation, blue trip, aluminium alloy case
990103003	KH-6KF	1U10A All-usage type socket, 10A national standard plug, with main switch, lightning protection, 1.8m-length, 1.5m ² cable, 19" horizontal and vertical installation, blue trip, aluminium alloy case
990103007	KH-8D	1U10A All-usage type socket, 10A national standard plug, with indicator light, 1.8m-length, 1.5m ² cable, 19" horizontal and vertical installation, aluminium alloy case
990103007	KH-8KG-XGB	1U10A New national standard socket, 10A national standard plug, with main switch, overload protection, 1.8m-length, 1.5m ² cable, 19" horizontal and vertical installation, aluminium alloy case
990103007	KH-8FL-16A	1U16A All-usage type socket, 16A national standard plug, lightning protection, 1.8m-length, 2.5m ² cable, 19" horizontal and vertical installation, blue trip, aluminium alloy case
990103007	KH-81PKK-16A	1U16A All-usage type socket, 16A national standard plug, 16A1P air switch, 1.8m-length, 2.5m ² cable, 19" horizontal and vertical installation, aluminium alloy case
990103007	KH-8LY-16A	1U16A All-usage type socket 16A national standard plug, Level 3 lightning protection, 1.8m-length, 2.5m ² cable, 19" horizontal and vertical installation, aluminium alloy case
990103027	KH-6KG-YB	1U UK type socket, UK type plug, with main switch, overload protection, 1.3m-length, 1.5m ² cable, 19" horizontal and vertical installation, blue trip, aluminium alloy case
990103028	KH-8K-DB	1U German type socket, German type plug, with main switch, 1.8m-length, 1.5m ² cable, 19" horizontal and vertical installation, aluminium alloy Case

Remark: When $\blacksquare$ = 0, COBTEL Brand LOGO, When $\blacksquare$ = 1, No brand for neutral LOGO

Fiber Optic System



MPO/MTP Fiber Optic Patch Cord



Product Features

Good Repeatability, High Stability New material,high-temperature resistance,environmentally durable,non-deforming, non-breaking,Specialty fully automatic standard production, minimize manual intervention Quality Stability.

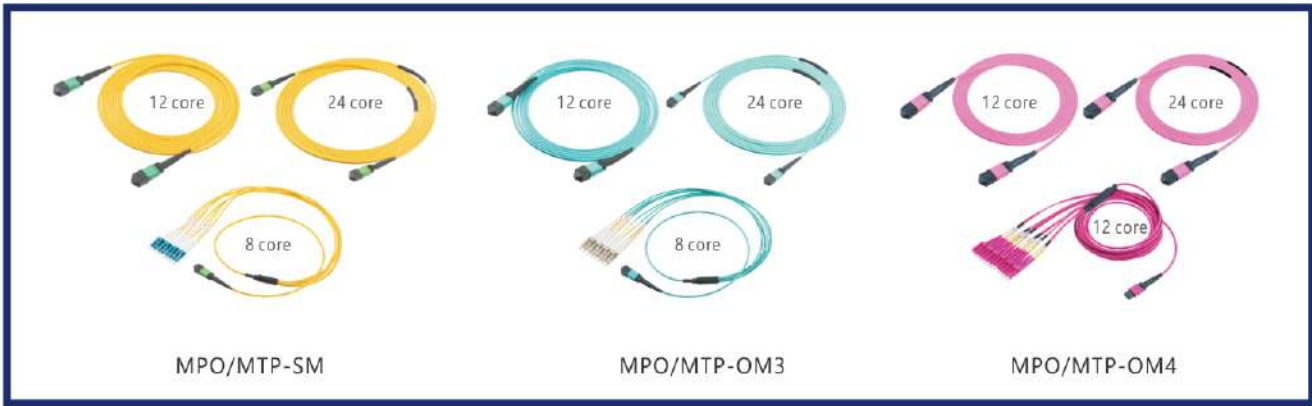
Low Insertion Loss,Good Stability High Quality Ferrule,High Reliability,Good Concentricity And Precise Size Of Connetor, Make The Quality Stability

High Performance Singie Mode Fiber Core High Quality Ferrule,High Reliability,Good Concentricity And Precise Size Of Connetor, Make The Quality Stability

Structural Description

Product Name	MPO/MTp Fiber Optic Patch Cord	Insertion Loss	<0.3bB
Connector Type	MPO/MTP/LC	Bandwidth	±40nm
Colour	SM: Yellow,MM-OM3:Aqua,MM-OM4:Magenta	Wave Length	1310nm-1490nm-1550nm/850nm
Tension Strength	≥200N	Material	LSZH
Durability	≥1000times	Return Loss	UPC>50dB APC>60dB

Product Type



Other Optical Fiber Types



MPO/MTP-OM3 Multimode **8-12** Fiber Pre-Terminated
3.0mm Mini Round Trunk Cable Extension



MPO/MTP-OM4 Multimode **8-12** Fiber Pre-Terminated
3.0mm Mini Round Trunk Cable Extension



MPO/MTP-OM5 Multimode **8-12** Fiber Pre-Terminated
3.0mm Mini Round Trunk Cable Extension



MPO/MTP-SM Singlemode **8-12** Fiber Pre-Terminate
3.0mm Mini Round Trunk Cable Extension



MPO/MTP-OM3 Multimode **24**-Fiber Pre-Terminated
3.3mm Mini Round Trunk Cable Extension



MPO/MTP-OM4 Multimode **24**-Fiber Pre-Terminated
3.3mm Mini Round Trunk Cable Extension

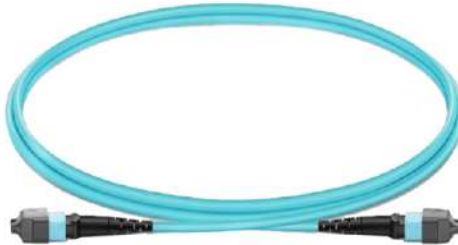
Other Optical Fiber Types



MPO/MTP-OM5 Multimode **24**-Fiber Pre-Terminated
3.3mm Mini Round Trunk Cable Extension



MPO/MTP-SM Singlemode **24**-Fiber Pre-Terminated
3.3mm Mini Round Trunk Cable Extension



MTP-OM3 Multimode **16**-Fiber Pre-Terminated
3.0mm Mini Round Trunk Cable Extension



MTP-OM4 Multimode **16**-Fiber Pre-Terminated
3.0mm Mini Round Trunk Cable Extension



MTP-OM5 Multimode **16**-Fiber Pre-Terminated
3.0mm Mini Round Trunk Cable Extension



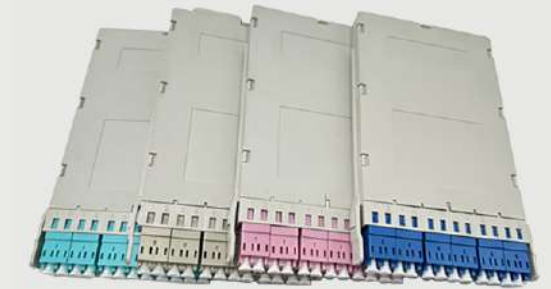
MTP-SM Singlemode **16**-Fiber Pre-Terminated
3.0mm Mini Round Trunk Cable Extension

MPO Module Box

MPO Pre-Terminated Module Box

Specifications and Models

- Module Box - MPO Male/LC 12-Core Multimode Om3
- Module Box - MPO Male/LC 12-Core Multimode Om4
- Module Box - MPO Male/LC 1*24-Core Multimode Om3
- Module Box - MPO Male/LC 1*24-Core Multimode Om4
- Module Box - MPO Male/LC 1*12-Core Singlemode Os2
- Module Box - MPO Male/LC 1*24-Core Singlemode OS2



Specifications and Parameters

- ① VO-rated flame-retardant material.
- ② Low-loss data transmission for enhanced stability.
- ③ Streamlined design.
- ④ No splicing required, enabling quick cabling.



MPO Connector



MPO Connector



MPO Adapter



MPO Loopback Device

Optical Module

400G Optical Module

Feature

- The casing is made of zinc alloy.
- Stable performance, low power consumption.
- Multimode OSFP MPO.
- 500m Transmission distance.

Specifications

- **Transmission speed:** 400G
- **Transmission medium:** Multimode
- **Wavelength:** 1310nm
- **Supply voltage:** 3.3V
- **Operating temperature:** 0°C~+70°C



800G Optical Module

Feature

- The casing is made of zinc alloy.
- Stable performance with high transmission speed.
- Multimode OSFP MPO.
- 500m Transmission distance.

Specifications

- **Transmission speed:** 800G
- **Transmission medium:** Multimode
- **Wavelength:** 850nm
- **Supply voltage:** 3.3V
- **Operating temperature:** 0°C~+70°C



Gigabit Transceiver

Feature

- Low latency, low power consumption;
- Ventilation holes on both sides for high-speed heat dissipation;
- Uses imported chips for stable operation;
- Ready to use upon plugging into port;
- **Casing material:** High-quality metal
- **Fiber optic interface:** SC interface
- **Operating Temperature:** -40~+70°C
- **Storage Temperature:** -40~+85°C
- **Operating Humidity:** 5%~90%
- **Dimensions:** 93*70*26mm



Fiber Optic Module Cable



10G-SFP+AOC



25G-SFP28+AOC



40G-QSFP+AOC



100G-QSFP28-AOC



40G-QSFP+to-4SFP+



100G-QSFP28-to-4SFP+

MPO Patch Panel

MPO Patch Panel - 1U 4-Port Basic Model

Specifications and Parameters

- Black powder-coated sheet metal, 1.5mm thick.
- Dimensions: Length 430mm, Depth 340mm, Height 44mm.
- Removable cable management unit.
- Supports installation of 4 MPO plastic module boxes.
- Can accommodate 4 sets of modular panel interfaces.
- Lightweight and easy to install.



MPO Patch Panel - 1U 4-Port Fixed Model

Specifications and Parameters

- Black powder-coated sheet metal, 1.5mm thick.
- Dimensions: Length 430mm, Depth 363mm, Height 44mm.
- Removable cable management unit.
- Supports installation of 4 MPO plastic module boxes.
- Can accommodate 4 sets of modular panel interfaces.
- Snap-on top cover for easy access.



MPO Patch Panel - 1U 4-Port Rail-Mounted Slide-Out Model

Specifications and Parameters

- Black powder-coated sheet metal, 1.2mm thick.
- Dimensions: Length 430mm, Depth 363mm, Height 44mm.
- Front cable management slot, powder coating meets EU environmental standards.
- Supports installation of 4 MPO plastic module boxes.
- Can accommodate 4 sets of modular panel interfaces.
- Snap-on top cover for easy access.



MPO Patch Panel - 1U 4-Port Sliding Rail Type with Acrylic Cover

Specifications and Parameters

- Black powder-coated sheet metal, 1.2mm thick.
- Dimensions: 430mm (L) x 363mm (D) x 44mm (H).
- Front cable management slots, environmentally-friendly powder coating: European standard.
- Supports installation of 4 MPO plastic module boxes.
- Supports installation of 4 modular panel interfaces.
- Snap-on top cover for easy access.



MPO Patch Panel

MPO Patch Panel - 2U 8-Port Sliding Rail Type

Specifications and Parameters

- Black powder-coated sheet metal, 1.2mm thick.
- Dimensions: 430mm (L) x 363mm (D) x 88mm (H).
- Front cable management slots, environmentally-friendly powder coating: European standard.
- Supports installation of 8 MPO plastic module boxes.
- Supports installation of 4 modular panel interfaces.
- Snap-on top cover for easy access.



MPO Patch Panel - 3U 12-Port Fixed Type

Specifications and Parameters

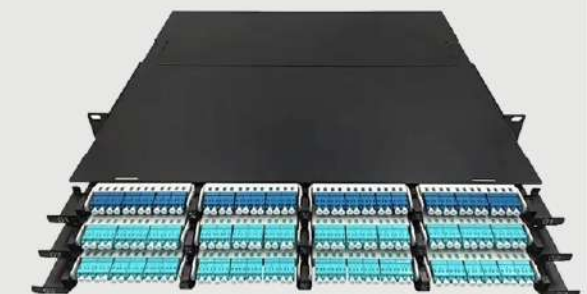
- Black powder-coated sheet metal, 1.5mm thick.
- Dimensions: 430mm (L) x 345mm (D) x 131.4mm (H).
- Acrylic front cover, offering a premium and elegant appearance.
- Supports installation of 12 MPO plastic module boxes.
- Supports installation of 12 modular panel interfaces.
- Snap-on top cover for easy access.



MPO Patch Panel - 1U 144-Core Sliding Rail Type

Specifications and Parameters

- Black painted sheet metal, 1.2mm thick.
- Dimensions: 430mm (L) x 428mm (D) x 44mm (H).
- Front cable management slots, environmentally-friendly paint: European standard.
- Three-layer drawer structure.
- Supports installation of 12 MPO plastic module boxes.



MPO-Core Sliding Rail Fiber Distribution Box (Empty)

Specifications and Parameters

- Black painted sheet metal, 1.2mm thick.
- Dimensions: 2U 288 430mm (L) x 428mm (D) x 88mm (H).
4U 576 430mm (L) x 428mm (D) x 88mm (H).
- Front cable management slots, environmentally-friendly paint: European standard.
- Six-layer drawer structure.
- 2U 288 can accommodate 24 MPO plastic module boxes, while 4U 576 can accommodate 48 MPO plastic module boxes.

