Copperled Technology Co.,Ltd

Product Catalogue

WWW.COPPERLED.COM











CopperLed

● COPPER | ● FIBER | ● TELECOM

UL file No: E480600



COMPANY PROFILE

Manufacturing and Exporting of Cabling Systems:

Shenzhen Copperled is a professional manufacture and exporter of Structured Cabling System products. The company was found 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 1000ft/roll and patch cord with various length and colors,Cat.6A/Cat.6/ Cat.5e modular plugs. Cat.6A/Cat.6/ Cat.5e patch panel and keystone,Faceplate, Cable Managers, Network cabinet, 110 wiring block,Fiber Optic Cable and Fiber optic patch cord (SC,ST,FC,LC,MTRJ), Fiber Optic Connectors, Fiber Optic adapters, Fiber Optic patch panel and boxes; Telecom Module and distribution boxes.
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 to some countries of Asia.

What we Stand For:

Our primary goal is our customer's satisfaction. We do our best to help our customers achieve the success while expanding their business. We provide the right solution to our customers with the most comprehensive selection of cost effective cabling products in the industry.

Competitive Advantages:

- The broadest products range
- The competitive prices
- Fast response (with 2 hours) to enquiries
- Fast delivery (one day for regular stock products)
- Excellent service
- Exceptional quality
- Highest level of customer support
- Most of Copperled products are CE, ETL ,UL Listed and RoHS compliant.
- All copperled products are 100% inspected and tested twice with state-of art testing equipment before shipment to meet the standards of organizations such as Telcordia-326-CORE, ANSI/TIA/EIA, ISO/IEC 11801 and IEEE.

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.

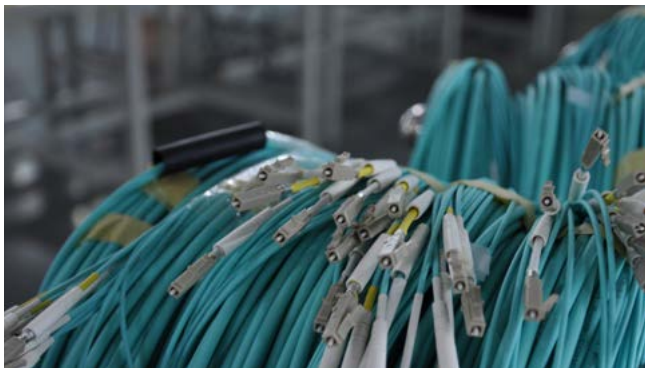
Copperled is your total solutions provider in an ever-changing global marketplace

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 excel your expectation.

WORKSHOP & EQUIPMENTS









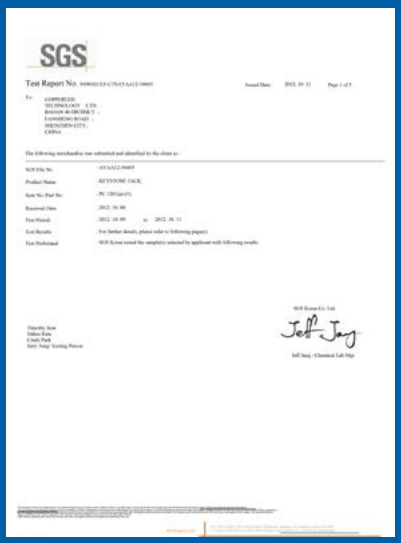

WARRANTY &CERTIFICATES

Copperled Technology Co.,Ltd delivers a full range of product warranty programs: Lifetime warranty covering products, performance and applications assurance for cabling systems designed.

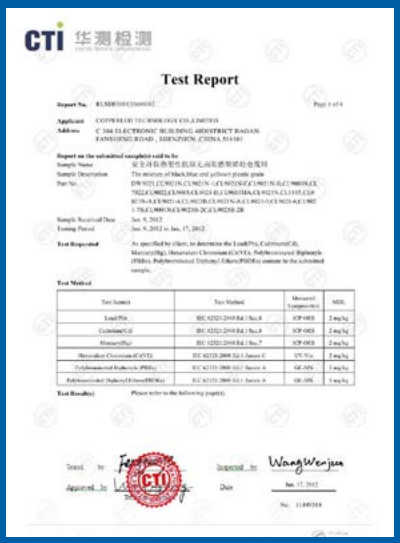














CONTENT

COPPER SYSTEM

- Lan Cable 6-8
- Patch cord 9-11
- Patch Panel 12-20
- Cable Manager 21
- Wiring block 22
- Keystone Jack 23-31
- Faceplate 32-33
- Networking Cabinet 34-38
- Networking tools 39
- Accessories 40-41

FIBER OPTIC SYSTEM

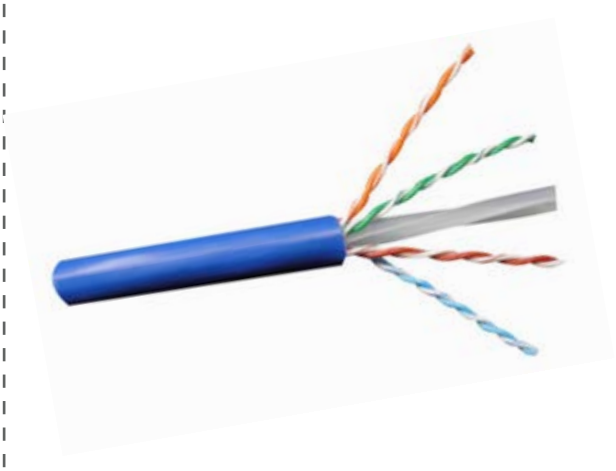
- Fiber Optic patch cord &Pigtail 42-43
- Adapter & Connector 44-45
- Fiber Patch panel 46-49
- Fiber Enclosure 50
- Fiber Optic Cable 51-54

TELECOM SYSTEM

- Module 55
- Distrubution Box 55
- Mount Frame 55

P/N: CL-23U-C6A

UTP Cat.6A LAN Cable 23AWG 305M/Box



P/N: CL-23F-C6A

FTP Cat.6A LAN Cable 23AWG 305M/Box



DESCRIPTION

- 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, 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 Design

TECHNICAL SPECIFICATIONS

CONSTRUCTION	VALUE		
Conductors	AWG	23	
	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	

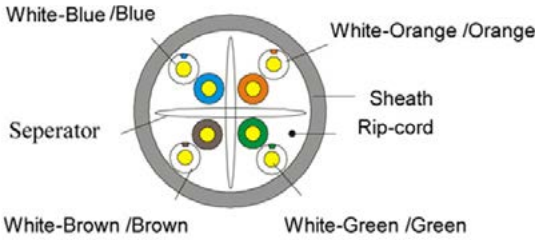
STANDARD

- RoHS/REACH Complied PVC,PE or LSZH Jacket
- Complies to ANSI/TIA-568-C.2, IEC61156-5, EN507173
- ISO/IEC 11801

P/N: CL-23U-C6

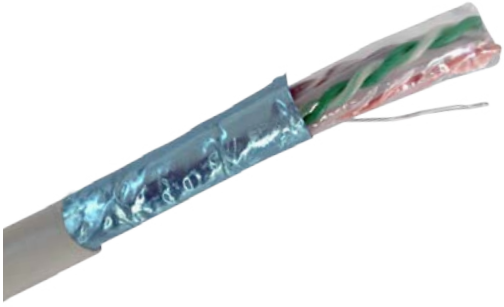
UTP Cat.6 LAN Cable 23AWG 305M/Box

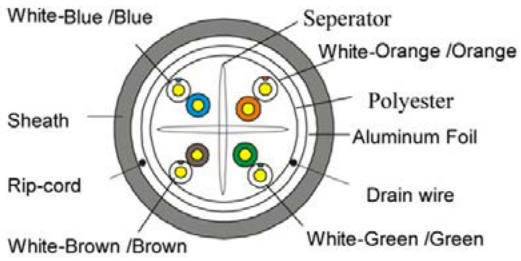




P/N: CL-23F-C6

FTP Cat.6 LAN Cable 23AWG 305M/Box





DESCRIPTION

- Copperled Category 6 U/FTP 250Mhz Cable be used to Upgrade Category 5E system, provide higher transmission, at least twice than CAT5E.
- Center Cross design to against the NEXT and provide more stable performance..
- Big Pulling Hole Design allowed installer to lay 10 Boxes in the meantime without jam issues.
- Combined with Un-Shielded/Shielded Keystone, 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 Design

TECHNICAL SPECIFICATIONS

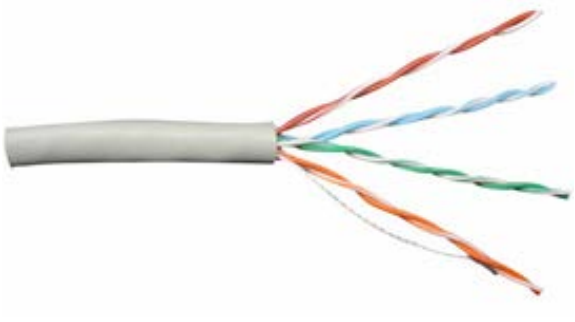
CONSTRUCTION	VALUE		
Conductors	AWG	23	
	Size mm	UTP	0.55
		FTP	0.57
	Material	Bare Copper	
Insulators	Diameter mm	UTP	0.98 ±0.02
		FTP	1.09±0.02
	Material	HDPE	
Jacket	External O.D	UTP	6.0±0.2
		FTP	7.3±0.2
	Thickness mm	UTP	0.55
		FTP	0.56±0.05
	Material	PVC/LSZH/PE	

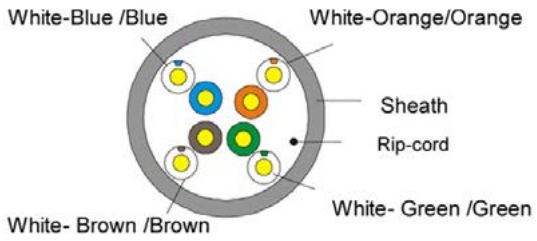
STANDARD

- RoHS/REACH Complied PVC,PE or LSZH Jacket
- Complies to ANSI/TIA-568-C.2 EN50173&IEC61156-5
- ISO/IEC 11801

P/N: CL-24U-C5

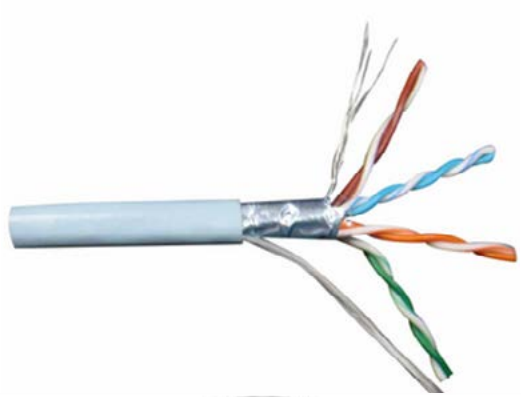
UTP Cat.5e LAN Cable 24AWG 305M/Box

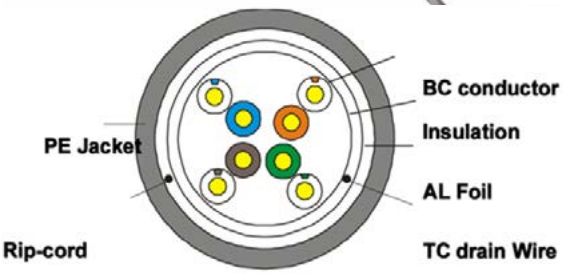




P/N: CL-24F-C5

FTP Cat.5e LAN Cable 24AWG 305M/Box





DESCRIPTION

- Copperled Category 5e U/FTP 100Mhz Cable be used to Upgrade Category 5 system, provide higher transmission.
- Big Pulling Hole Design allowed installer to lay 10 Boxes in the meantime without jam issues.
- CCombined with Un-Shielded/Shielded Keystone, 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 Design

TECHNICAL SPECIFICATIONS

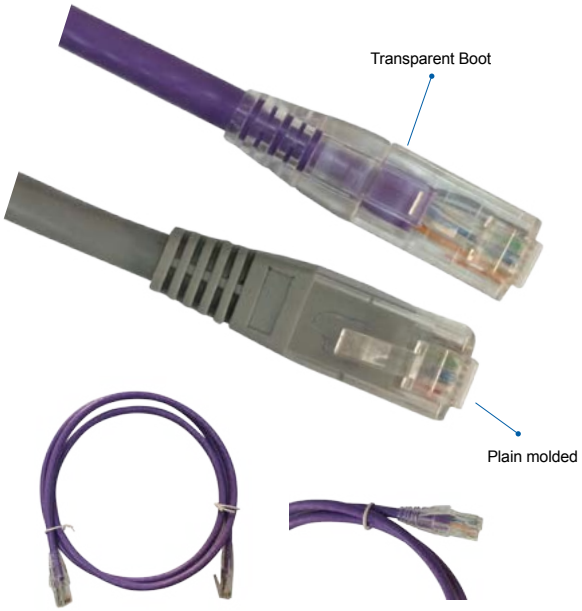
CONSTRUCTION	VALUE		
Conductors	AWG	24	
	Size mm	UTP	0.5
		FTP	0.515
	Material	Bare Copper	
Insulators	Diameter mm	UTP	0.88 ±0.03
		FTP	0.93±0.03
	Material	HDPE	
Jacket	External O.D	UTP	5.0±0.03
		FTP	6.3±0.04
	Thickness mm	UTP	0.5±0.06
		FTP	0.55±0.07
	Material	PVC/LSZH/PE	

STANDARD

- RoHS/REACH Complied PVC,PE or LSZH Jacket
- Complies to ANSI/TIA-568-C.2
- ISO/IEC 11801

P/N: CL-PCU01-C6A

UTP Cat.6A Patch cord



P/N: CL-PCF01-C6A

FTP Cat.6A Patch cord



DESCRIPTION

- 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.
- 03.Combined with Un-Shielded Keystone, LAN Cable, and Patch Panel, it provides excellent compatible performance.

FEATURES

- Independently tested and verified by ETL
- Guaranteed to meet TIA 568 C.2 and ISO/ IEC 11801 specifications
- Snag-less Protection Design
- Various-Color options available

TECHNICAL SPECIFICATIONS

CONSTRUCTION		VALUE	
Conductors	AWG	UTP	24
		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	

STANDARD

- TIA 568 C.2
- ISO 11801 CLASS D
- ETL approved

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)



DESCRIPTION

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

FEATURES

- Independently tested and verified by ETL
- Guaranteed to meet TIA 568 C.2 and ISO/ IEC 11801 specifications
- Snag-less Protection Design
- Various-Color options available

TECHNICAL SPECIFICATIONS

CONSTRUCTION		VALUE	
Conductors	AWG	UTP	24
		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	

STANDARD

- TIA 568 C.2
- ISO 11801 CLASS D
- ETL approved

P/N: CL-PCU01-C5

UTP Cat.5e Patch cord



P/N: CL-PCF01-C5

FTP Cat.5e Patch cord



DESCRIPTION

- 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, LAN Cable, and Patch Panel, it provides excellent compatible performance.

FEATURES

- Independently tested and verified by ETL
- Guaranteed to meet TIA 568 C.2 and ISO/IEC 11801 specifications
- Plain molded Protection Design
- Various color options available

TECHNICAL SPECIFICATIONS

CONSTRUCTION		VALUE	
Conductors	AWG	UTP	24
		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	

STANDARD

- TIA 568 C.2
- ISO 11801 CLASS D
- ETL approved

P/N: CL-F24P-C6A02

FTP Cat.6A Patch Panel 24Port Krone IDC



P/N: CL-F24P-C6A03

FTP Cat.6A Patch Panel angled 24 Port



P/N: CL-F48P-C6A01

FTP 1U Cat.6A 48Port Patch Panel



P/N: CL-F48P-C6A02

FTP 1U Cat.6A Modular Patch Panel 48Port with back bar



DESCRIPTION

- 24/48Port Patch Panel, Cat.6A FTP type. The structure of each port of this patch
- panel is same and unloaded. That structure makes sure that the performance of each port is consistent.
- The cable manager is combined in this patch panel. All kinds of cables with different dimensions can be fixed on the patch panel.
- According to ISO/IEC 11801:2002 CLASS EA and ANSI/TIA/EIA/568B.2-10 Cat.6A standard. T568A punching sequence and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
- Connecting: FCC port for Cat.6A FTP patch cord and IDC for horizontal distribution cables.
- Compatibility: Compatible for FTP Cat.6 or Cat.5e, Cat.5 general cable distribution systems.

TECHNIQUE CHARACTERISTICS

- Entire high-carbon steel outer frame, with plastic powder cladding.
- RJ45 jack frame material: PBT, golden clad phosphor bronze pins; Shielding shell of the RJ45 jack; Brass housing with nickel plate; IDC clip: Tinned phosphor bronze pins.
- Fitting for 22AWG/23AWG/24AWG cables, Punching dependability: 750 times.
- Cabling sequence: T568A & B.
- Punching tool: LSA type punching tool.
- Testing condition of transmitting capability: 500MHz.

P/N: CL-U24P-C6A03

UTP Half U Cat.6A Patch Panel 24Port 110 or Dual use IDC with back bar



P/N: CL-U24P-C6A01

UTP Cat.6A Patch Panel 24Port Krone IDC



P/N: CL-U24P-C6A06

UTP Cat.6A 24Port angled , 6 jacks in one Patch Panel



P/N: CL-U48P-C6A01

UTP 1U Cat.6A Patch Panel 48Port with back bar 110 or Dual use IDC



DESCRIPTION

- 24 ports patch panel, Cat.6A UTP type. The structure of each port of this patch panel is same and unloaded. That structure makes sure that the performance of each port is consistent.
- The cable manager is combined in this patch panel. All kinds of cables with different dimensions can be fixed on the patch panel.
- According to ISO/IEC 11801:2002 CLASS EA and ANSI/TIA/EIA/568B.2-10 Cat.6A standard. T568A punching sequence and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
- Connecting: FCC port for Cat.6A UTP patch cord and IDC for horizontal distribution cables.
- Compatibility: Compatible for UTP Cat.6 or Cat.5e, Cat.5 general cable distribution systems.

TECHNIQUE CHARACTERISTICS:

- Entire high-carbon steel outer frame, with plastic powder cladding.
- RJ45 jack frame material: PBT, golden clad phosphor bronze pins; Shielding shell of the RJ45 jack; Brass housing with nickel plate; IDC clip: Tinned phosphor bronze pins.
- Fitting for 22AWG/23AWG/24AWG cables, Punching dependability: 750 times.
- Cabling sequence: T568A & B.
- Punching tools: Standard 110 or LSA type punching tools.
- Testing condition of transmitting capability: 500MHz.

P/N: CL-24PS-C6

FTP Cat.6 Patch Panel , 24Port Krone IDC





P/N: CL-24PS-C602

FTP Half U Cat.6 Patch Panel, 24Port Krone IDC





DESCRIPTION

- Copperled 24 ports patch panel, Cat.6 FTP type. The structure of each port of this patch panel is same which makes sure that the performance of each port is consistent.
- The outstanding shielding effect: The cable management and grounding device are combined in this patch panel. All kinds of cables with different dimensions can be fixed on the patch panel. The shielding foil of the cables and the grounding device of the patch panel can be connected availably.
- According to the standard of ISO/IEC 11801:2002 CLASS E and ANSI/TIA/EIA/568B.2-1 Cat.6 standard. T568A and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
- Connecting: FCC port for Cat.6 FTP patchcord and IDC for horizontal distribution cables.
- Compatibility: Compatible for FTP Cat.6 or Cat.5e, Cat.5 general cable distribution systems.

TECHNIQUE CHARACTERISTICS

- Entire high-carbon steel outer frame, with plastic powder cladding.
- RJ45 jack frame material: PBT, golden plated phosphor bronze pins; Shielding shell of the RJ45 jack: Brass housing with nickel-plated. IDC clip: Tinned phosphor bronze pins.
- Fitting for 22AWG/23AWG/24AWG cables, punching duration: 250 times. FCC ports inserting duration: 750 times.
- Cabling sequence: T568A & B
- Punching tools: standard LSA tool.
- Testing condition of transmitting capability: 250MHz.

P/N: CL-U48P-C602

UTP Cat.6 1U 48Port Patch Panel with back bar with dust-proof cover



P/N: CL-U48P-C601

UTP Cat.6 Patch Panel 48 Port with back bar



P/N: CL-U24P-C601

UTP Cat.6 Patch Panel 24 Port with back bar



P/N: CL-U12P-C601

UTP Cat.6 Patch Panel 12 Port without back bar



DESCRIPTION

- Copperled 48/24/12 ports patch panel, Cat.6 UTP type. The structure of each port of this patch panel is same which makes sure that the performance of each port is consistent.
- The cable management is combined in this patch panel. All kinds of cables with different dimensions can be fixed on the patch panel.
- According to the standard of ISO/IEC 11801:2000 CLASS E and ANSI/TIA/EIA/568B.2-1Cat.6 standard. T568A punching sequence and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
- Connecting: FCC port for Cat.6 UTP patch cord and IDC for horizontal distribution cables.
- Compatibility: Compatible for UTP Cat.6 or Cat.5e, Cat.5 general cable distribution systems.
- IDC: 110 type or LSA type for your choice.

TECHNIQUE CHARACTERISTICS:

- Entire high-carbon steel outer frame, without plastic powder cladding.
- RJ45 jack frame material: PBT, golden plated phosphor bronze pins, Shielding shell of the RJ45 jack: Brass housing with nicket-plated; IDC clip: Tinned phosphor bronze pins.
- Fitting for 22AWG/23AWG/24AWG cables, punching duration: 250 times. FCC ports inserting duration: 750 times.
- Cabling sequence: T568A & B.
- Punching tool: Standard 110 tool for 110 IDC, Standard 110 tool or LSA tool for dual IDC.
- Testing condition of transmitting capability: 250MHz

P/N: CL-P2512U-C5E

UTP Cat.5e Patch Panel 12Port



P/N: CL-P2524U-C5E

UTP Cat.5e Patch Panel 24Port 110IDC with back bar



P/N: CL-P2548U-C5E

UTP Cat.5e Patch Panel 48Port 110IDC with Back ba



P/N: CL-P2616U-C5E

UTP Cat.5e Patch Panel 16Port 110IDC



P/N: CL-P2624U-C5E

UTP Cat.5e Patch Panel 24Port 110IDC



P/N: CL-P2648U-C5E

UTP Cat.5e Patch Panel 48Port 110IDC



P/N: CL-C2924U-C5E

UTP Patch Panel 24Port 45degree colored



DESCRIPTION

- 24 ports patch panel, Cat.5e UTP type. Dust free and masterly 45°incline port, protect the patch cord from bending too much. The structure of each port of this patch panel is same which makes sure that the performance of each port is consistent.
- According to the standard of ISO/IEC 11801:2002 CLASS D and ANSI/TIA/EIA/568B.2 Cat.5e standard. T568A punching sequence and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
- Connecting: FCC port for Cat.5e UTP patch cord and IDC for horizontal distribution cables.
- Compatibility: Compatible for UTP Cat.5e general cable distribution systems.
- IDC: 110 type or dual use type for your choice.

TECHNIQUE CHARACTERISTICS

- Entire high-carbon steel outer frame, with plastic powder cladding.
- RJ45 jack frame material: PBT, golden plated phosphor bronze pins, Shielding shell of the RJ45 jack: Brass housing with nicket-plated; IDC clip: Tinned phosphor bronze pins.
- Fitting for 22AWG/23AWG/24AWG cables, punching duration: 250 times. FCC ports inserting duration: 750 times.
- Cabling sequence: T568A & B.
- Punching tool: Standard 110 tool for 110 IDC, Standard 110 tool or LSA tool for dual IDC.
- Testing condition of transmitting capability: 100MHz

P/N: CL-P2512W-C5E

UTP Cat.5e Patch Panel 12Port Wall mounted



DESCRIPTION

- Copperled 12 ports patch panel, Cat.5e UTP type. The structure of each port of this patch panel is same which makes sure that the performance of each port is consistent.
- According to the standard of ISO/IEC 11801:2000 CLASS D and ANSI/TIA/EIA/568B Cat.5e standard. T568A punching sequence and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
- 3. Connecting: FCC port for Cat.5e UTP patch cord and IDC for horizontal distribution cables.
- 4. Compatibility: Compatible for UTP Cat.5e general cable distribution systems.
- 5. IDC: 110 type or dual use type for your choice.

TECHNIQUE CHARACTERISTICS:

- Entire high-carbon steel outer frame, with plastic powder cladding.
- RJ45 jack frame material: PBT, golden plated phosphor bronze pins, Shielding shell of the RJ45 jack: Brass housing with nicket-plated; IDC clip: Tinned phosphor bronze pins.
- Fitting for 22AWG/23AWG/24AWG cables, punching duration: 250 times. FCC ports inserting duration: 750 times.
- Cabling sequence: T568A & B.
- Punching tool: Standard 110 tool for 110 IDC, Standard LSA tool for LSA IDC.
- Testing condition of transmitting capability: 100MHz

P/N: P5324SR-C5E

FTP Cat.5e Patch Panel 24Port Krone IDC Black color



P/N: CL-P5224S-C5E

FTP Cat.5e Patch Panel 24 Port Krone IDC



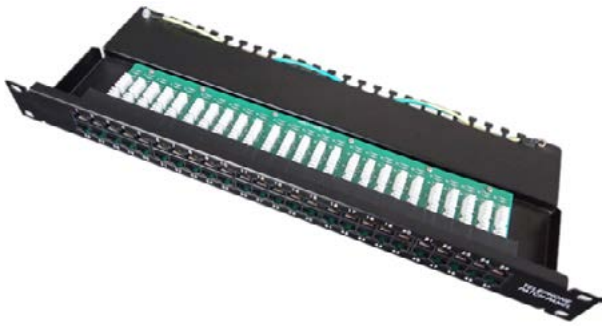
P/N:CL-U25P-C303

UTP Telephone Panel 25Port Krone IDC Black color



P/N: CL-U50P-C303

UTP Telephone Panel 50Port Krone IDC Black color



DESCRIPTION

- Copperled 25/50 ports Cat.3 ISDN patch panel, can be used in standard 19' cabinet.
- The cable manager is combined in this patch panel. All kinds of cables with different dimensions can be fixed on the patch panel.
- Connecting: FCC port for RJ45 Cat.3 patch cord and IDC for horizontal distribution cables.

TECHNIQUE CHARACTERISTICS:

- Entire high-carbon steel outer frame, with plastic powder cladding.
- RJ45 jack frame material: PBT, 8 pin of the RJ45 jack: phosphor bronze with golden plated 6 inch, 15inch, 30inch, 50 inch at potion; Shielding shell of the RJ45 jack : Brass housing with nickel-plated; IDC clip: Tinned phosphor bronze pins.
- Fitting for 22AWG/23AWG/24AWG cables, punching duration: 250 times. FCC ports inserting duration: 750 times.
- IDC: 6-3& 5-4 LSA-plus type

P/N: CL-F24P-BP01

FTP Blank Patch Panel 24Port with back bar



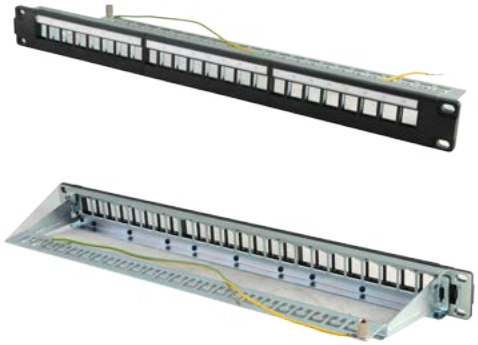
P/N: CL-F48P-BP01

FTP Blank Patch Panel 48Port with back bar



P/N: CL-F24P-BP03

FTP Blank Patch Panel 24Port with back bar



P/N: CL-F12P-BP01

FTP Blank Patch panel 12 Port



DESCRIPTION

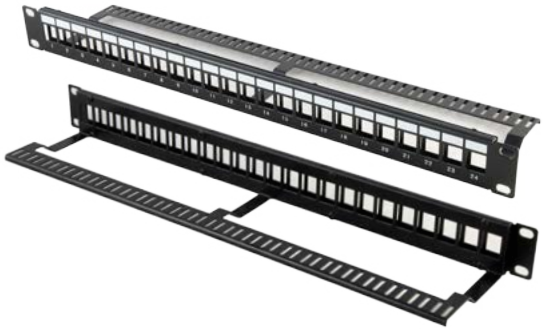
- 24 ports patch panel, Cat.6A UTP type. The structure of each port of this patch panel is same and unloaded. That structure makes sure that the performance of each port is consistent.
- The cable manager is combined in this patch panel. All kinds of cables with different dimensions can be fixed on the patch panel.
- According to ISO/IEC 11801:2002 CLASS EA and ANSI/TIA/EIA/568B.2-10 Cat.6A standard. T568A punching sequence and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
- Connecting: FCC port for Cat.6A UTP patch cord and IDC for horizontal distribution cables.
- Compatibility: Compatible for UTP Cat.6 or Cat.5e, Cat.5 general cable distribution systems.

TECHNIQUE CHARACTERISTICS:

- Entire high-carbon steel outer frame, with plastic powder cladding.
- RJ45 jack frame material: PBT, golden clad phosphor bronze pins; Shielding shell of the RJ45 jack; Brass housing with nickel plate; IDC clip: Tinned phosphor bronze pins.
- Fitting for 22AWG/23AWG/24AWG cables, Punching dependability: 750 times.
- Cabling sequence: T568A & B.
- Punching tools: Standard 110 or LSA type punching tools.
- Testing condition of transmitting capability: 500MHz.

P/N: CL-U24P-BP02

UTP Blank Patch Panel 24Port with Back bar



P/N: CL-U24P-BP07

UTP Crossed Blank Patch Panel 24Port with back bar



P/N: CL-U24P-BP05

UTP Blank Patch Panel 24Port with back bar



P/N: CL-U24P-BP08

UTP Blank Patch Panel 24Port with back bar(Matt surface)



P/N: CL-U48P-BP01

UTP Cat.6 1U 48Port Blank Patch panel with back bar



P/N: CL-CMP-1U

Cable Management, Plastic 1U
2U is available)



P/N: CL-CM3-1U

Cable manager Metal 13 fingers 1U



P/N: CL-CM4-1U

Cable Management , Metal



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



P/N: CL-WB-50

Wiring Blocks , 50Pair without legs



P/N: CL-WB-100

Wiring Blocks 100Pair Without legs



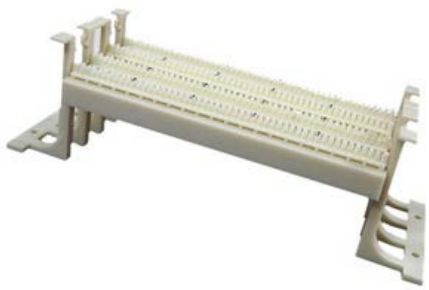
P/N: CL-WBL-50

Wiring Block 50 Pair With Legs



P/N: CL-WBL-100

Wiring Blocks 100Pair With legs



P/N: CL-WBR-100

Wiring Block 100Pair 19" Rack mounted



P/N: CL-WBR-200

Wiring Blocks , 200Pair 19" Rack mounted



P/N: CL-CB-4

Connection Block , 4 Pair



P/N: CL-CB-5

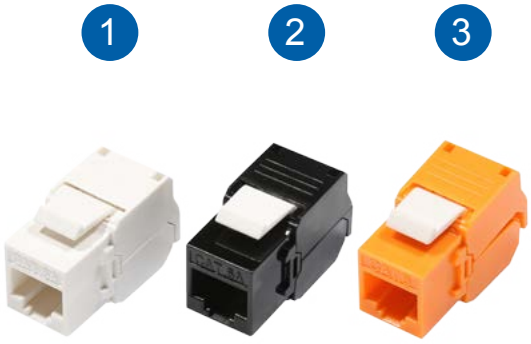
Connection Block 5Pair



P/N: CL-KJ-C6A03
UTP Cat.6A Keystone Jack
180 degree



P/N: CL-KJ-C6A04
UTP Cat.6A Keystone jack 180 degree toolless



DESCRIPTION

- Copperled Cat.6A Unshielded Keystone jack he products are used in the equipment rooms & work area as communication connectors of the intelligent buildings.
- The structure of the Keystone Jack is compact, that can make your work more easy and fast. The original dust-free cap can prevent the cable from slipping off from the IDC ports.
- According to the standard of ISO/IEC 11801:2002 Class E & ANSI/TIA/EIA/568-B.2-1 CAT.6A standard.
- According the requirement of T568A & T568B. The T568A & T568B labels are sticked on the both sides of the product to give a exact guide when a engineer punches the cables.
- Connecting: RJ45 port for UTP patch cord and the IDC port for UTP horizontal cabling.
- In accordance with RoHS derective.
- Fitting for Cat.6A cabling systems, can also be used on Cat.6 and Cat.5e cabling systems.
- Toolless fully , cut wires easier without any extra crimping tool to save installation time as well as cost .

FEATURES

- UTP Cat.6A Keystone jack 180 degree toolless , it's able to cut the wires easier and no need any extra punching down tool .
- Much helpful for the easier and faster installation .
- It's well match with Blank patch panels and Mounting boxes and Faceplates .
- Both Cat.5e & Cat.6 are available !
- Various colors are option .

TECHNIQUE CHARACTERISTICS

- Housing and other plastic parts' material: PC UL94V-0
- 8 Pin of the RJ45 jack: Phosphor bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Inserting duration: 750 times.
- IDC Clips: Tinned phosphor bronze pins.
  Fitting for 22AWG/23AWG/24AWG cables.
  Punching duration: 250 times.
- Testing condition of transmitting capability: 500MHz

P/N: CL-KJ-C6A01

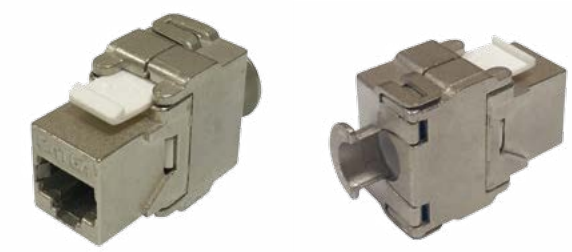
FTP Cat.6A Keystone Jack 180 degree

Hot Item



P/N: CL-KJ-C6A05

FTP Cat.6A Keystone Jack 180 degree





DESCRIPTION

- Shielded KJ. The products are used in the equipment rooms & work area as communication connectors of the intelligent buildings.
- The product can resists the electro magnetic interference (EMI) effectively with the compact full-closed shielding structure.
- According with ISO/IEC 11801:2002 Class 6A & ANSI/TIA/EIA/568-B.2-1 CAT.6A standard.
- According with T568A & T568B. The T568A & T568B labels are adhibited on the both sides of the product to give a exact guide when a engineer punches the cables.
- Connecting: RJ45 port for STP patch cord and the IDC port for STP horizontal cabling.
- In accordance with RoHS Derective.
- Fitting for Cat.6A Cabling systems, can also be used on Cat.6 and Cat.5e cabling systems.

TECHNIQUE CHARACTERISTICS

- Housing and other plastic parts' material: Kirsite & PC UL94V-0
- 8 Pin of the RJ45 jack: Phosphor bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Inserting dependability: 750 times.
- IDC Clips: Tinned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG cables. Punching duration: 250 times.
- Testing condition of transmitting capability: 500MHz

P/N: CL-KJU-C601

UTP Cat.6 Keystone jack 90 degree



DESCRIPTION

- Keystone Jack, Cat.6 Class E, UTP type, for connecting application of communication prots in working area.
- A compact & ingenious designing, with the punching sequence direction marks on the punching cover of the keystone jack. That can provides a correct and quick guide for punching and connecting operation. And the fastener hats will make sure the cable can be fixed reliably in the IDC clips.
- According to the standard of ISO/IEC 11801:2002 Class E & ANSI/TIA/EIA 568-B.2-1 CAT.6, T568A punching sequence and T568B punching sequence are both compatible.
- Connection type: FCC connector for RJ45 patch cord and IDC for 4-pair Cat.6 cables.
- Fitting for the Cat.6 general cable distribution system. Compatible for Cat.5 and Cat.5e systems.

TECHNIQUE CHARACTERISTICS

- Material of plastic parts: PC UL94V-0
- Material of the FCC connectors' 8 pin: Phosphor bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Inserting duration: 750 times.
- Material of the IDC Clips: Tinned hosphor bronze pins. Fitting for 22AWG/23AWG/24AWG cables. Punching duration: 250 times.
- Standard 110 punching tool.
- Testing condition of transmitting capability: 250MHz

P/N: CL-KJU-C6P9

UTP Cat.6 Keystone jack 180degree

(Various colors for option)



DESCRIPTION

- Type: Cat6 snap-in keystone jack (8P8C) Unshielded
- Termination: 110 style 180 degree punch down for 22-26 AWG solid wire.
- T568A & TT568B wiring compatible
- Housing: PC UL94V-0, high temperature thermoplastic
- Contract: phosphor bronze, with "3 to 50U" gold plate
- Accept 22-26 AWG solid with a insulation diameter of 0.4-0.6mm
- Easy to be terminated Low attenuation loss and high return loss.

TECHNIQUE CHARACTERISTICS

- ELECTRICAL
  1. Voltage rating: 125 VAC RMS 2. Current rating: 1.5 AMP
- Contact resistance: 100 Milliohms MAX
- Insulation resistance: 1000 Megohms MIN @ 500 VDC
- Dielectric strength: 750 VAC RMS 60Hz, 1MIN
- ENVIRONMENTAL
  1. Storage: -40°TO +85° 2. Operation: 0°TO 70°

P/N: CL-KJU-C6D5

UTP Cat.6 Keystone Jack , 180 degree with dust Proof Shutter



P/N: CL-KJU-C604

Hot Item

UTP Cat.6 Keystone Jack 180 degree (Short body)



DESCRIPTION

- Keystone Jack, Cat.6 Class E, UTP Type, 180°punching direction, fit for connecting application of communication ports in working area.
- A compact & ingenious designing, with the punching sequence direction marks on the sides of keystone jack, which can provides a correct and quick guide for punching and connecting operation. And the fastener hats will make sure the cable can be fixed reliably in the IDC clips.
- According to the standard of the ISO/IEC 11801:2002 Class E & ANSI/TIA/EIA568-B.2 Cat.6, T568A punching sequence and T568B punching sequence are both compatible.
- Connection type: FCC connector for RJ45 patch cord and IDC for 4-pair Cat.6 cables.
- Fitting for the Cat.6 general cable distribution system. Compatible for Cat.5 and Cat.5e systems.

TECHNIQUE CHARACTERISTICS

- Material of plastic parts: PC UL94V-0
- Material of the FCC connectors'8 pin: Phosphor bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Inserting duration: 750 times.
- Material of the IDC Clips: Tinned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG cables. Punching duration: 250 times.
- Standard 110 punching tool.

DESCRIPTION

- Keystone Jack, CAT 6 class E, UTP Type, 180°punching direction, for connecting application of communication ports in working area.
- A compact & ingenious designing, with the punching sequence direction marks on the sides of keystone jack. That can provides a correct and quick guide for punching and connectiong operation. And the fastener hats will make sure the cable can be fixed reliably in the IDC clips.
- According to the standard of ISO/IEC 11801:2002 class & ANSI/TIA/EIA 568-B.2-1 CAT.6, T568A punching sequence and T568B punching sequence are both compatible.
- Connection type: FCC connector for RJ45 patch cord and IDC for 4-pair Cat.6 cables.
- Fitting for the Cat.6 general cable distribution system. Compatible for Cat.5 and Cat.5e systems.

TECHNIQUE CHARACTERISTICS

- Material of plastic parts: PC UL94V-0
- Material of the FCC connectors' 8 pin: Phosphor bronze with golden cladding. Insertion dependability: 750 times.
- Material of the IDC clips: Tinned phosphor bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Fitting for 22AWG/23AWG/24AWG Cables. Punching short type.
- Dependability: 250 tiems.
- Standard 110 punching tool.

P/N: CL-KJU-C6K1

UTP Cat.6 Module UK Type



P/N: CL-KJ-C6I6

Cat.6 Inline Coupler



ELECTRICAL

- Voltage rating: 125 VAC RMS
- Current rating: 1.5 AMP
- Contact resistance: 100 Milliohms MAX
- Insulation resistance: 1000 Megohms MIN @ 500 VDC
- Dielectric strength: 750 VAC RMS 60Hz, 1MIN

ENVIRONMENTAL

- Storage: -40°TO +85°
- Operation: 0°TO 70°
- Conform to TIA/EIA 568B Category 5e
- Mates with modular plug conforming to FCC part 68, Subpart F.

MECHANICAL

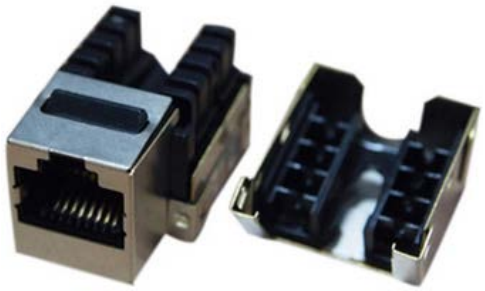
- Housing material: PC UL94V-0
- Jack housing material: PBT+15%GF UL94V-0
- PCB material: FR-4 Thickness:1.6mm
- Contact material: Phosphor bronze stamp PIN T=0.35mm
- IDC Contact material: Phosphor bronze T=0.50mm with nickel plating
- Wire: AWG 24-26

DESCRIPTION

- Meet ANSI/TIA/EIA 568 B.2 standard.
- Housing: UTPABS +PC
- Contact: Phosphor bronze, phosphor bronze with 3 to 50 u"gold plate
- IDC: maximum 200 punching times, accept 22~26AWG Solid wire
- Easy to be terminated Low attenuation loss and high return loss.
- Operation temperature: 0 to 70 degree

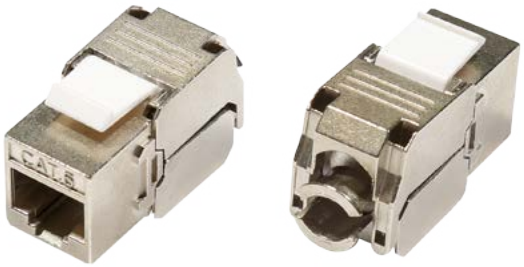
P/N: CL-KJS-C607

FTP Cat.6 Keystone jack 90 degree



P/N: CL-KJS-C609

FTP Cat.6 Keystone Jack 180 degree



P/N: CL-KJS-C608

FTP Cat.6 RJ45-RJ45 Keystone Jack



DESCRIPTION

- Shielded KJ. The products are used in the equipment rooms & work area as communication connectors of the intelligent buildings.
- The product can resists the electro magnetic interference (EMI) effectively with the compact full-closed shielding structure.
- According to the standard of ISO/IEC 11801:2002 Class E & ANSI/TIA/EIA 568-B.2-1 CAT.6 standard.
- According the regnirement of T568A & T568B. The T568A & T568B labels are sticked on the both sides of the product to give a exact guide when a engineer punches the cables.

TECHNIQUE CHARACTERISTICS

- Housing Material: Brass plated with Nickel
- 8 pin of the RJ45 jack: Phosphor bronze with golden plated 3U, 6U, 15U, 30U, 50U option. Inserting duration: 750 times.
- IDC Clips: Tinned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG cables.
- Punching duration: 250 times.
- Punching tool: Standard 110 punching tool.
- Testing condition of transmitting capability: 250MHz

DESCRIPTION

- Meet ANSI/TIA/EIA 568 B.2 standard.
- Housing: UL94V-0/FTP: Brass plated with Nickel
- Contact: Phosphor bronze, phosphor bronze with 3 to 50 u"gold plate
- IDC: maximum 200 punching times, accept 22~26AWG Solid wire
- Easy to be terminated Low attenuation loss and high return loss.
- Operation temperature: 0 to 70 degree

TECHNIQUE CHARACTERISTICS

- Housing Material: Brass plated with Nickel
- 8 pin of the RJ45 jack: Phosphor bronze with golden plated 3U, 6U, 15U, 30U, 50U option. Inserting duration: 750 times.
- IDC Clips: Tinned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG cables.
- Punching duration: 250 times.
- Punching tool: Standard 110 punching tool.
- Testing condition of transmitting capability: 250MHz

P/N: CL-KJ-C505

UTP Cat.5e Keystone Jack 90 degree



P/N: CL-KJ-C518

UTP Cat.5e Keystone Jack 180 degree



ELECTRICAL

- Voltage rating: 125 VAC RMS
- Current rating: 1.5 AMP
- Contact resistance: 100 Milliohms MAX
- Insulation resistance: 1000 Megohms MIN @ 500 VDC
- Dielectric strength: 750 VAC RMS 60Hz, 1MIN

ENVIRONMENTAL

- Storage: -40°TO +85°
- Operation: 0°TO 70°
- Conform to TIA/EIA 568B Category 5e
- Mates with modular plug conforming to FCC part 68, Subpart F.

MECHANICAL

- Housing material: PC UL94V-0
- Jack housing material: PBT+15%GF UL94V-0
- PCB material: FR-4 Thickness:1.6mm
- Contact material: Phosphor bronze stamp PIN T=0.35mm
- IDC Contact material: Phosphor bronze
  T=0.50mm with nickel plating
- Wire: 24-26AWG

P/N: CL-KJ-C510

UTP Cat.5e Keystone Jack 180 degree (Various colors are available)



P/N: CL-KJK-C503

UTP Cat.5e Module UK Type



P/N: CL-KJ-C5F9

FTP Cat.5e Keystone Jack 90 degree



DESCRIPTION

- Shield material: Brass T=0.30mm Nickel plating
- Insert&PCB material: Flame retardancy ABS UL94V-0 & FR-4
- Contact material: Phosphor bronze stamp PIN T=0.35mm
- IDC Contact material: Phosphor bronze T=0.50mm with nickel plating
- Testing condition of transmitting capability:
- Wire: AWG 24-26

ELECTRICAL

- Voltage rating: 125 VAC RMS
- Current rating: 1.5 AMP
- Contact resistance: 100 Milliohms MAX
- Insulation resistance: 1000 Megohms MIN @ 500 VDC
- Dielectric strength: 750 VAC RMS 60Hz, 1MIN

ENVIRONMENTAL

- Storage: -40°TO +85°
- Operation: 0°TO 70°
- Conform to TIA/EIA 568B Category 5e
- Mates with modular plug conforming to FCC part 68, Subpart F.

MECHANICAL

- Housing material: PC UL94V-0
- Jack housing material: PBT+15%GF UL94V-0
- PCB material: FR-4 Thickness:1.6mm
- Contact material: Phosphor bronze stamp PIN T=0.35mm
- IDC Contact material: Phosphor bronze T=0.50mm with nickel plating
- Wire: 24-26AWG

DESCRIPTION

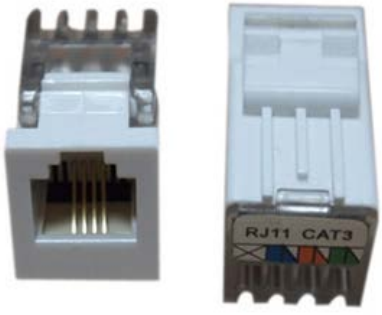
- Shield material: Brass T=0.30mm Nickel plating
- Insert &PCB material: Flame retardancy ABS UL94V-0/ FR-4 Thickness:1.6mm
- Contact material: Phosphor bronze stamp PIN T=0.35mm
- IDC Contact material: Phosphor bronze T=0.50mm with nickel plating
- Testing condition of transmitting capability: 250MHz

ELECTRICAL

- Voltage&Current rating: 125 VAC RMS/1.5AMP
- Contact resistance: 100 Milliohms MAX
- Insulation resistance: 1000 Megohms MIN @ 500 VDC
- Dielectric strength: 750 VAC RMS 60Hz, 1MIN

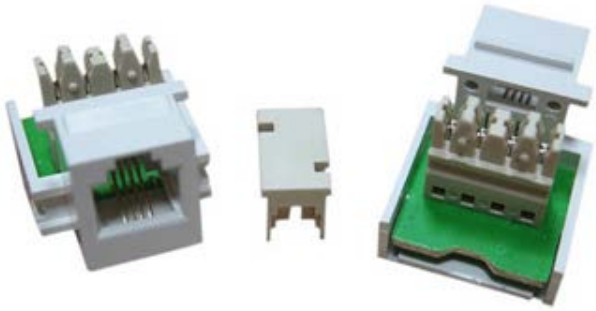
P/N: CL-KJ-C301

Cat.3 6P4C keystone Jack , Toolless



P/N: CL-KJ-C303

UTP Cat.3 6P4C Keystone Jack



P/N: CL-KJ-C3T02

UTP Cat.3 6P4C Keystone Jack , Toolless



P/N: CL-KJ-C304

UTP Cat.3 6P4C Keystone Jack



ELECTRICAL

- Voltage rating: 125 VAC RMS
- Current rating: 1.5 AMP
- Contact resistance: 100 Milliohms MAX
- Insulation resistance: 1000 Megohms MIN @ 500 VDC
- Dielectric strength: 750 VAC RMS 60Hz, 1MIN

MECHANICAL

- Housing material: PC UL94V-0
- Insert material: Flame retardancy ABS UL94V-0
- PCB material: FR-4 Thickness:1.6mm
- Contact material: Phosphor bronze stamp PIN T=0.35mm
- IDC Contact material: Phosphor bronze T=0.50mm with nickel plating
- Wire: 24-26AWG

ENVIRONMENTAL

- Storage: -40°TO +85°
- Operation: 0°TO 70°
- Conform to TIA/EIA 568B Category 3
- Mates with modular plug conforming to FCC part 68, Subpart F.

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

UK TYPE FACEPLATE

P/N:CL-FPUK-01



P/N: CL-FPUK-02



86 TYPE FACEPLATE

P/N:CL-FP86-01

P/N: CL-FP86-02



Tel: 86-755-27896171 Email:sales@copperled.com Website:www.copperled.com

Faceplate Franch type

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



P/N: CL-FP45-02
45*45 Faceplate 2Port



Back box

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



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



45*45 Socket (Red , White color)

P/N: CL-SK45-XX



Mounting box

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



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



FTP Cat.5e Mounting box

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

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



UTP Cat.5e Mounting box

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

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



P/N: CL-DWM-6U

Wall mounted Cabinet double section (6U/9U/12U/15U are available)





DETAIL

- The Double Section Provides An Easy Access To The Cabinet To The Rear Of All Mounted Cabinets. A Swing Frame Construction Adds To The Flesibility 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 Re-Hinged 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.

PRODUCT SIZE

Cabinet Size	Width×Depth×Height
6U	600×550×370 mm
9U	600×550×500 mm
12U	600×550×635 mm
15U	600×550×770 mm



Installing back panel



Side panel



Mounting angle



Mounting profile

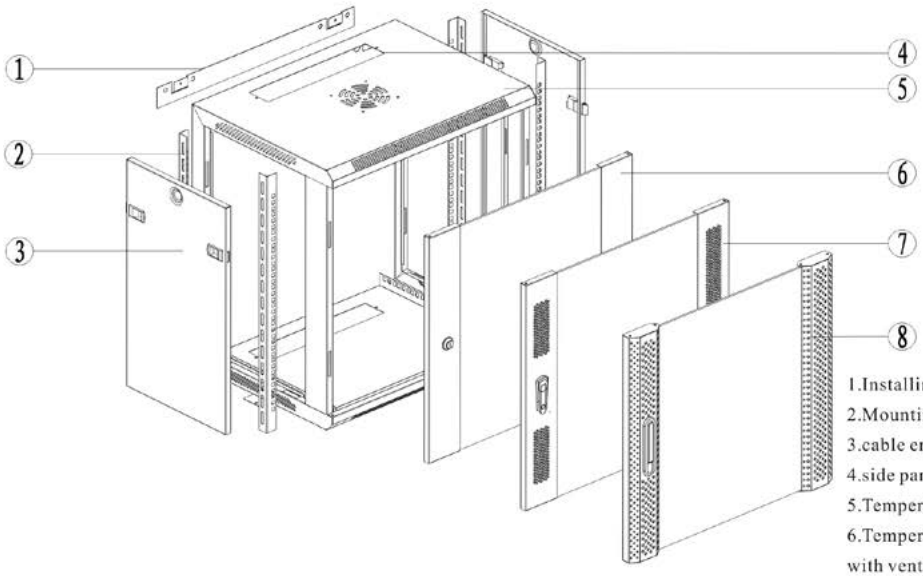


Optional lock



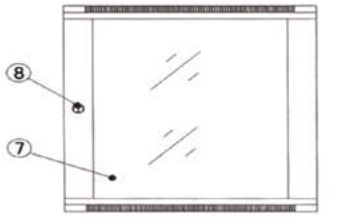
Cable entry

Main structure:

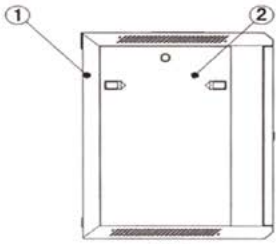


1.Installing Backboard
2.Mounting profile(L-shaped)
3.cable entry plate
4.side panel
5.Tempered glass front door
6.Tempered glass front door with vented border
7.Tempered glass front door with meshed border

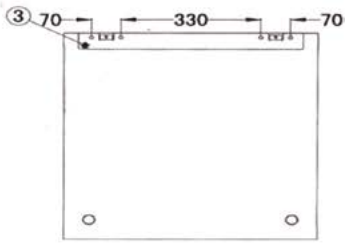
Main Dimension:



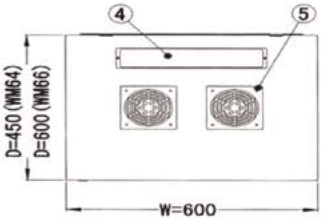
Front(toughened glass door)



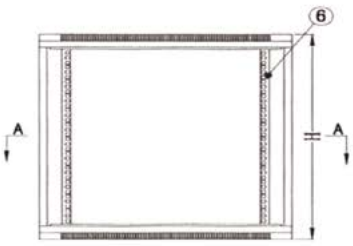
Side



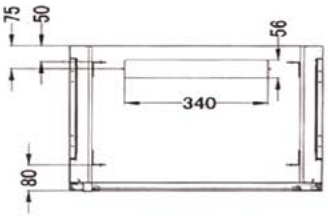
Back(wall-mounted hole size)



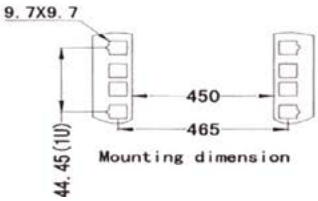
Top



Front(without front door)



A-A Section



Mounting dimension





P/N: CL-SD-9U

Network Cabinet Standing



Cable entry on the bottom



Door bolt



Caster and adjustable feet



Mounting profile

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 bemoved 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

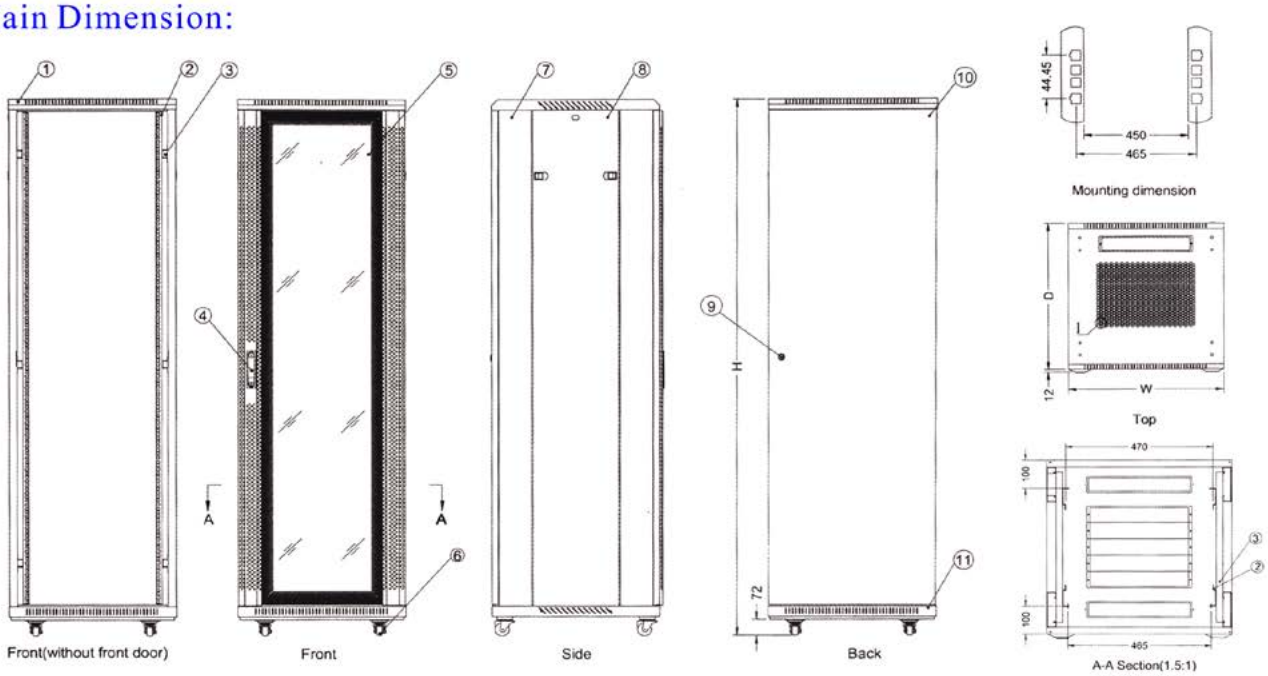
Standard:

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

PRODUCT SIZE

Cabinet Size	Width×Depth×Height
47U Data Cabinet	600×600×2200 mm
47U Data Cabinet	600×800×2200 mm
47U Data Cabinet	600×960×2200 mm
47U Data Cabinet	800×800×2200 mm
47U Data Cabinet	800×960×2200 mm
42U Data Cabinet	600×600×2000 mm
42U Data Cabinet	600×800×2000 mm
42U Data Cabinet	600×960×2000 mm
42U Data Cabinet	800×800×2000 mm
42U Data Cabinet	800×960×2000 mm
37U Data Cabinet	600×600×1800 mm
37U Data Cabinet	600×800×1800 mm
37U Data Cabinet	600×960×1800 mm
32U Data Cabinet	600×600×1600 mm
32U Data Cabinet	600×800×1600 mm
27U Data Cabinet	600×600×1400 mm
27U Data Cabinet	600×800×1400 mm
22U Data Cabinet	600×600×1200 mm
22U Data Cabinet	600×800×1200 mm

Main Dimension:



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	Singe 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

Optional Accessories:

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

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



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



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.

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

SURFACE FINISH

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

Tel: 86-755-27896171 Email:sales@copperled.com Website:www.copperled.com

P/N: CL-NT-08

Cable Tester Tracker Tone Generator for Telephone



INTRODUCTION

- The instrument is designed to identity and trace wires or cables within a group without damaging the insulation. For telephone line, It can idendify 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.

FEATURE

- Judge continuty 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)
- Indentify 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-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-05

110 Type Impact Tool



P/N: CL-NT-06

501 Stripper Tool



P/N: CL-NT-07

Plastic Knife



P/N: CL-NT-04

RJ45 Cable Tester



P/N:CL-PGS-C6A1

Cat.6A SSTP plug

With one loading bar 6 up 2 down, wire OD 0.99mm Suitable for stranded wire Gold plating thickness 50U”



P/N: CL-PGF-C6

Cat.6 FTP plug

With one loading bar 6 up, 2down For both stranded and solid wire Gold plating from FU”to 50U” Cat.6 Component or Channel test with Fluke



P/N: CL-PGS-C6A2

Cat.6A SSTP plug

With two loading bars Suitable for solid wire. Gold plating thickness 50U”



P/N: CL-PGU-C5

Cat.5e UTP modular plug

8P8C, one part Gold plating from FU”to 50U” Cat.5e Channel test with fluke



P/N: CL-PGU-C6

Cat.6 UTP plug

With one loading bar 4 up, 4 down For both stranded and solid wire Gold plating from FU”to 50U”



P/N: CL-PGF-C5

Cat.5e FTP modular plug

8P8C, one part Gold plating from FU”to 50U” Cat.5e Channel test with fluke



P/N: CL-PGU-66

Telephone plug 6P6C

Flat or round cable entry Gold plating thickness from FU"to 50U"



P/N: CL-PGU-62

Telephone plug 6P2C

Flat or round cable entry Gold plating thickness from FU"to 50U"



P/N: CL-PGU-64

Telephone plug 6P4C

Flat or round cable entry Gold plating thickness from FU"to 50U"



P/N: CL-PGU-44

Telephone plug 4P4C

Flat or round cable entry Gold plating thickness from FU"to 50U"



P/N: CL-BT-XX

Boot for Patch cord (Various Colors available)



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
- Opertions Temperature: -40~85 degree
- Storage Temperature: -50~85 degree
- Industry Standard: TA-NWT-001209

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-SMS

Fiber Optic Patch cord FC/PC-FC/PC Singlemode Simple



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



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
- Opertions Temperature: -40~85 degree
- Storage Temperature: -50~85 degree
- Industry Standard: TA-NWT-001209

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



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

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



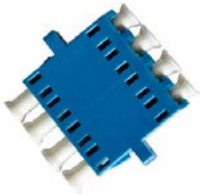
P/N: CL-ALC-SMD

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



P/N: CL-CFC-MMS

Fiber Opitc 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



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

FEATURES

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

APPLICATION

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

P/N: CL-FPR2-24

FO Patch Panel SC Type 24Port , 19" 1U Rack mounted



Dimension (L×W×H):480mm×220mm×1U

FEATURES

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

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

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

APPLICATION

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

P/N: CL-FPRD-24

FO Patch Panel SC Type 24Port 19" 1U Rack Mounted

(Drawer Style, FC/ST/LC are available)



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)

APPLICATION

- Branch connection of fiber termination,working as distribution box

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



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

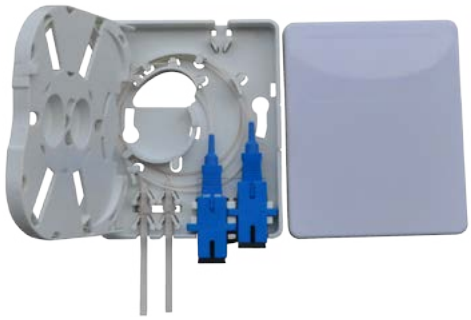
- Maximum cores 8 for Wall mounted and 72 cores for ODF
- Pigtail fix up reliable and perfect protection
- Apply to extensive field
- Convenient operations and maintenance

APPLICATION

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

P/N: CL-FTTH-ATB2

FTTH Access terminal box 2 Port



FEATURES

- FTTH, FTTx applications, and it protects fiber optic splicing and termination of drop cables.
- Two layers deign enables clear fiber coiling.
- Shape 8 fiber path on upper layer and circular, fiber paths enable omnibearing way for fiber coiling.
- Light weight, small size, easy installation.
- Total three cable ports on two sides of box allow, drop cables route in and out from different sides.
- Cable ports are suitable for 2mm~3mm drop cable.
- Two ports for adapters installing, you can keep one port closed if only using one adapter.
- Material: ABS or PC.
- Suitable for SC, FC adapte
- Capacity: 1 Core, 2 Core
- Dimension: 80mm*100mm*23mm
- Suitable for wall mounted or desk-top mounted

Standard Configuration	Access terminal box, 1pcs
	Installing screws, 2 pcs
Additional Items (need to purchase)	0.9mm pigtail, SC or Fc type suggested length not more than 1m.
	Adapter, SC or FC type
	Splicing protecting sleeve, 1-2 pcs

P/N: CL-FTTH-0324

Splitter distribution box 24 fibers



APPLICATION

The FDB is made of high strength materials,UV resistance,waterproof,maximum capacity up to 24cores,with perfect space design,a variety of PLC splitter can be installed,it can be used in indoor and outdoor environment,safe,reliable,cost-effective,and provide the best solutions for FTTH optical acess networks.

SPECIFICATIONS

Dimension(LxWxH)	335x295.5x117.2mm
Cable entries	♦3 Nos. φ12mm ports: 2ports are suitable for inlet/outlet 1 No. φ6-8mm cable for mid-span,1 port is suitable for φ6-8mm cable branching. ♦16 Nos. for 2x3mm drop cable
Splicing Tray	12/24 fiber per tray
Max.capacity	24cores
Material	ABS+PC-LSZH
PLC splitter	2 Nos. 1:8(or 2:8) Module/cassette/ Blockless/Bare PLC splitter
No. of Adapter	Max. SC/APC Adapter 24pcs
IP rating	IP65

P/N: CL-FTTH-TB26

Fiber Optic Terminal Box 16 Port



FEATURES

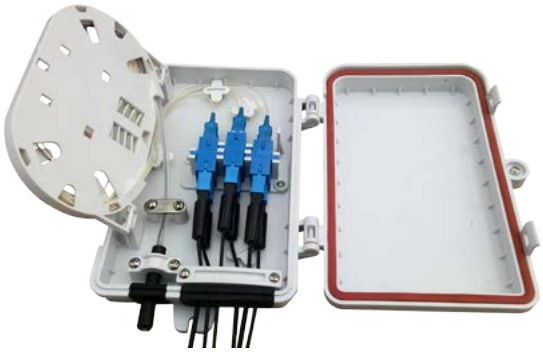
- Industry Standard User Interface, be made of high impact plastic.
- Can accommodate 1x8 & 1X16 PLC splitter.
- Anti-UV, Ultra violet resistant and rainfall resistant.
- Up to 16 FTTH drops.
- Wall and pole mountable.
- 2 inlet ports, 16 outlet ports.

APPLICATION

- widely used in FTTH access network.
- Telecommunication Networks
- CATV Networks
- Data communications Networks
- Local Area Networks

P/N: CL-FTTH-TB16

FTTH Terminal box 16 Port (Plastic Shell)



INTRODUCTION:

The Terminal box used in the end termination of residential buildings and villas to fix and splice with pigtails. Can be installed on the wall ,may adapt variety of optical connection styles ; Optical fiber cab be managed effectively.

SPECIFICATION:

- Size: 210*140*40mm(W*D*H)
- Cable diameter: φ7-φ10
- Cable ports: 7
- Max Capacity of splice: 6 Singe fiber

PACKING INFO:

- Q'ty/Carton: 60PCS
- Size of Carton: 460*460*540mm
- Volume of Carton: 0.115 cbm
- G.W: 20.4KGS

P/N: CL-FTTH-SC24

Fiber Optic Splice closure 24cores



APPLICATION:

This product provides suitable for cable whose diameter is within 22mm.It can be used in aerial,duct and direct buried application as well as the all-plastic local cable connection.

KEY TECHNICAL INDEXES:

- Size(mm): 465 × 230×125
- Weight:2.8kg
- Fiber radius of curvature: ≥40mm
- Splice tray additional losses:≤0.01dB
- Storage fiber length:≥1.6m
- Max capacity(single fiber): 192 cores
- Working temperature: - 40℃ ~ + 70℃
- Lateral pressure: ≥2000N / 10cm
- Shock resistance:≥20N.m

P/N: CL-FEGP-H01

Fiber Splicing Enclosure Horizontal Type



P/N: CL-FEVR-V01

Fiber Splicing Enclosure Vertical Type (3IN -3 OUT) 72 Fibers



P/N: CL-FEGP-H02

Fiber Splicing Enclosure Horizontal Type



P/N: CL-FEVR-V02

Fiber Splicing Enclosure Vertical Type (2 IN-2 OUT) 96 Fibers



DESCRIPTION

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

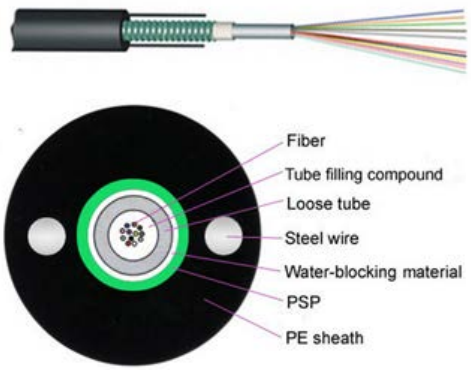
	CL-FEJP-H01	CL-FEGP-H02
Dimension(mm)	435*190*85	435*190*120
Weight (KGS)	2.6	2.8
Cable diameter(mm)	Φ10~Φ17	Φ10~Φ22
Cable Ports	2 in 2 out	2 in 2 out
Capacity of splice tray	24	24
Max pcs of splice tray	4	8
Max Capacity	96	192

DESCRIPTION

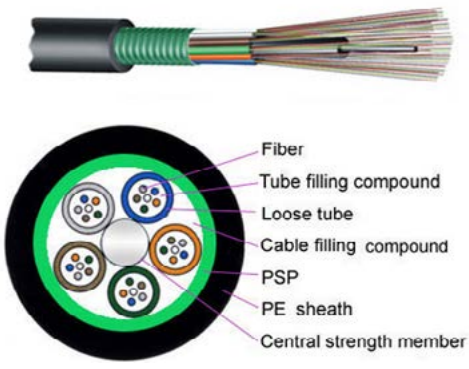
- Purpose: aerial, direct-burying, wall-mounting, Pipeline laying way
- Voltage-resistance strength: Under the effect of 15kv/DC/1min, non-puncture, and no arc-over.
- Insulation resistance: ≥2X104MΩ
- Maximum capacity: 144cores
- Span-life: 30 years.
- Environmental temperature: -40 degree to +85 degree
- 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

P/N: CLGYXTW
Unitube Light -armored Cable



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



DESCRIPTION

- The fibers, 250μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire, sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. The PSP is longitudinally applied over the cable core, which is filled with the filling compound to protect it from water ingress. The cable is completed with a PE sheath.

CHARACTERISTICS

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistan
- Special tube filling compound ensure a critical of fiber
- Specially designed compact structure is good at preventing loose tubes from shrinking
- PE sheath protects cable from ultraviolet radiation
- Steel wire used as the central strength member
- PSP enhancing moisture-proof

STANDARDS

- GYXTW cable complies with Standard YD/T 769-2003
- GYTS cable complies with Standard YD/T 901-2001as well as IEC 60794-1

OPTICAL CHARACTERISTICS

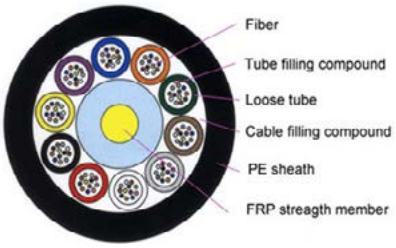
		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20 degree)	@850nm			≤3.0 dB/km	≤3.0 dB/km
	@1300nm			≤1.0 dB/km	≤1.0 dB/km
	@1310nm	≤0.36 dB/km	≤0.40 dB/km		
	@1550nm	≤0.22 dB/km	≤0.23dB/km		
Bandwidth (Class A)	@850nm			≥500 MHz•km	≥200 MHz•km
	@1300nm			≥1000 MHz•km	≥600 MHz•km
Numerical Aperture			0.200±0.015NA	0.200±0.015NA	0.275±0.015NA
Cable Cut-off Wavelengthλcc	≤1260nm	≤1480nm			

- Storage/Operating Temperature : -40 degree to +70 degree

P/N: CLGYFTY

Straned Loose Tube Non-Metallic Strength Member Non-armored Cable

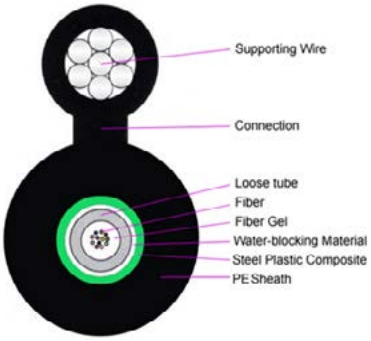




P/N: CLGYTC8S

Figure 8 Cable





DESCRIPTION

- The fibers, 250μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound.
- GYFTY fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular core. After the cable core is filled with the filling compound to protect it from water ingress, the cable is completed with a PE sheath.
- GYTC8S fiber the two sides PSP are longitudinally applied over the outer loose tube. Steel wires and loose tubes filled with water proof compound to ensure compact and longitudinally water blocking ,this part of cable accompanied with the stranded wires as the supporting part are completed with a polyethylene(PE) sheath to be figure 8 structure.

CHARACTERISTICS

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistan
- Special tube filling compound ensure a critical of fiber
- Single Fiber Reinforced Plastic as the central strength member
- PSP enhancing moisture-proof,small diameter, light weight and friendly installation.

STANDARDS

- GYFTY cable complies with Standard YD/T 901-2001as well as IEC 60794-1.
- GYXTC8S cable complies with Standard YD/T 1155-2001 as well as IEC 60794-1.

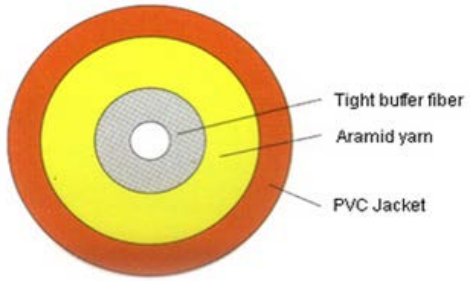
OPTICAL CHARACTERISTICS

		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20 degree)	@850nm			≤3.0 dB/km	≤3.0 dB/km
	@1300nm			≤1.0 dB/km	≤1.0 dB/km
	@1310nm	≤0.36 dB/km	≤0.40 dB/km		
	@1550nm	≤0.22 dB/km	≤0.23dB/km		
Bandwidth (Class A)	@850nm			≥500 MHz•km	≥200 MHz•km
	@1300nm			≥1000 MHz•km	≥600 MHz•km
Numerical Aperture			0.200±0.015NA	0.200±0.015NA	0.275±0.015NA
Cable Cut-off Wavelengthλcc	≤1260nm	≤1480nm			

- Storage/Operating Temperature : -40 degree to +70 degree

P/N: CL1FIC

Fiber Simplex Indoor Cable



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.

CHARACTERISTICS

- Good uniformity of the outer diameter of tight buffer fiber and excellent strip pability
- Good performance of flame-retardant
- Low induced attenuation within the operating temperature range

APPLICATION

- Data communication
- Places where waterproof is not strictly required
- Making jumper, pigtail and building distribution.

STANDARDS

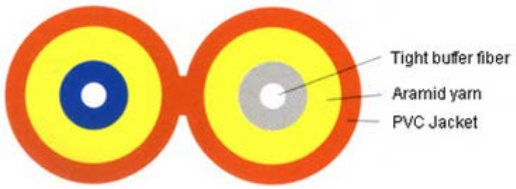
- Comply with Standard YD/T 1258.2-2003, ICEA-596, GR-409, IEC794, etc; and meet the requirements of UL approval for OFNR and OFNP.

MECHANIC CHARACTERISTICS

Tensile Strength	Long term	80N	60N
	Short term	150N	120N
Crush Resistance	Long term	100N/100mm	
	Short term	500N/100mm	
Bending Radius	Dynamic	20×D (Cable Diameter)	
	Static	10×D (Cable Diameter)	

P/N: CL2FDC00

Fiber Duplex Indoor Cable



DESCRIPTION

- 2 fiber, Figure 8 structure, Φ900μm or Φ600μm Tight buffer fiber, Aramid yarn, PVC Jacket.

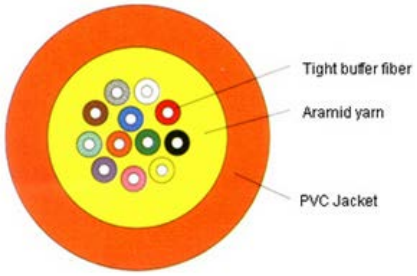
STANDARDS

- 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.

MECHANIC CHARACTERISTICS

		50/125μm	62.5/125μm	G.652	G.655
Attenuation (+20degree)	@850nm	≤3.5dB/km	≤3.5dB/km		
	@1300nm	≤1.5dB/km	≤1.5dB/km		
	@1310nm			≤0.45dB/km	≤0.50dB/km
	@1550nm			≤0.30dB/km	≤0.50dB/km
Bandwidth (Class A)	@850nm	≥500MHz•km	≥200MHz•km		
	@1300nm	≥1000MHz•km	≥600MHz•km		
Numerical Aperture		0.200±0.015NA	0.275±0.015NA		
Cable Cut-off Wavelength λcc				≤1260nm	≤1480nm
Δα(-20 ~+85 degree) Attenuation at temperature cycling Δα(-20~+85 degree)	@1300nm	≤0.25dB/km	≤0.25dB/km		
	@1550nm			≤0.10dB/km	≤0.15dB/km

P/N: CLMPDC
Multi Purpose Distribution Cable



DESCRIPTION

- 02~12 fiber, Φ900μm Tight buffer fiber, Aramid yarn, PVC Jacket

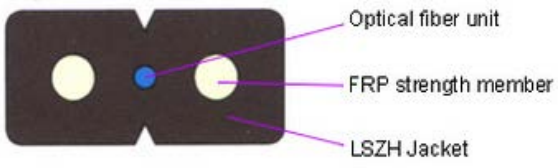
STANDARDS

- Comply with Standard YD/T 1258.4-2005, ICEA-596, GR-409, IEC794, etc; and meet the requirements of UL approval for OFNR.

OPTICAL CHARACTERISTICS

		50/125μm	62.5/125μm	G.652	G.655
Attenuation (+20degree)	@850nm	≤3.5dB/km	≤3.5dB/km		
	@1300nm	≤1.5dB/km	≤1.5dB/km		
	@1310nm			≤0.45dB/km	≤0.50dB/km
	@1550nm			≤0.30dB/km	≤0.50dB/km
Bandwidth (Class A)	@850nm	≥500MHz•km	≥200MHz•km		
	@1300nm	≥1000MHz•km	≥600MHz•km		
Numerical Aperture		0.200±0.015NA	0.275±0.015NA		
Cable Cut-off Wavelength λcc				≤1260nm	≤1480nm
Δα(-20 ~+85 degree) Attenuation at temperature cycling Δα(-20~+85 degree)	@1300nm	≤0.50dB/km	≤0.50dB/km		
	@1550nm			≤0.20dB/km	≤0.20dB/km

P/N: CLFTTHIC
FTTH Indoor Cable



DESCRIPTION

- The optical fiber unit is positioned in the centre. Two parallel Fiber Reinforced Plastics (FRP) are placed at the two sides. Then the cable is completed with a black or color LSZH sheath.

CHARACTERISTICS

- Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property;
- Two parallel FRP strength members ensure good performance of crush resistance to protect the fiber;
- Low smoke, zero halogen and flame retardant sheath.

MECHANIC CHARACTERISTICS

		50/125μm	62.5/125μm	G.652	G.655
Attenuation (+20degree)	@850nm	≤3.5dB/km	≤3.5dB/km		
	@1300nm	≤1.5dB/km	≤1.5dB/km		
	@1310nm			≤0.45dB/km	≤0.50dB/km
	@1550nm			≤0.30dB/km	≤0.50dB/km
Bandwidth (Class A)	@850nm	≥500MHz•km	≥200MHz•km		
	@1300nm	≥1000MHz•km	≥600MHz•km		
Numerical Aperture		0.200±0.015NA	0.275±0.015NA		
Cable Cut-off Wavelength λcc				≤1260nm	≤1480nm

- Storage/Operating Temperature : -20 degree to +60 degree

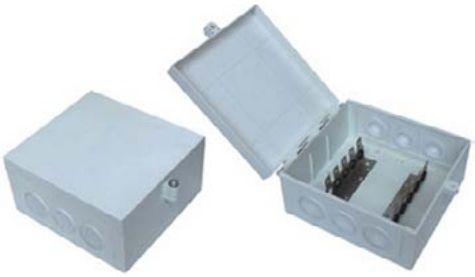
P/N: CL-DB-30

30Pair Indoor Distribution Box Install 3 Pair 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



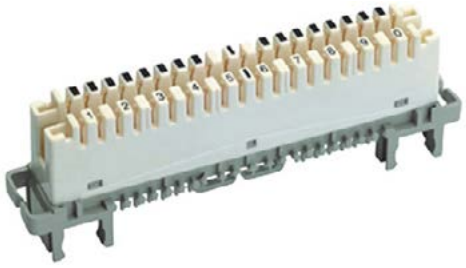
P/N: CL-TM10C-04

10Pair Connection Module



P/N: CL-TM10PD-03

10Pair Profile Disconnection Module



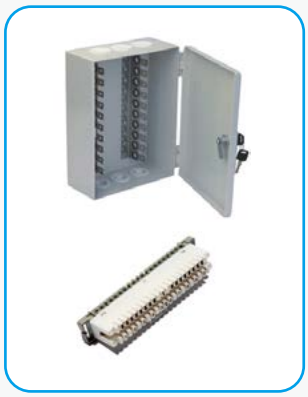
Product Catalogue

Copperled Technology Co.,Ltd

CopperLed







Address: Room1301, Youth Entrepreneurship Base, Huafeng Xin'an, Jia'an Road 41district , Shenzhen, Guangdong, China

Tel: 86-755-27896171

Website:http://www.copperled.com

Email: Sales@copperled.com

https://www.facebook.com/copperled

Version 2016