



Win in the Details

2024

IDEALINK NETWORK



**15+ Years experience
in Supply:**

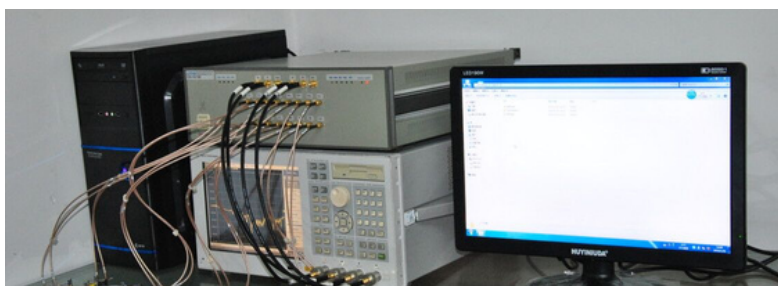
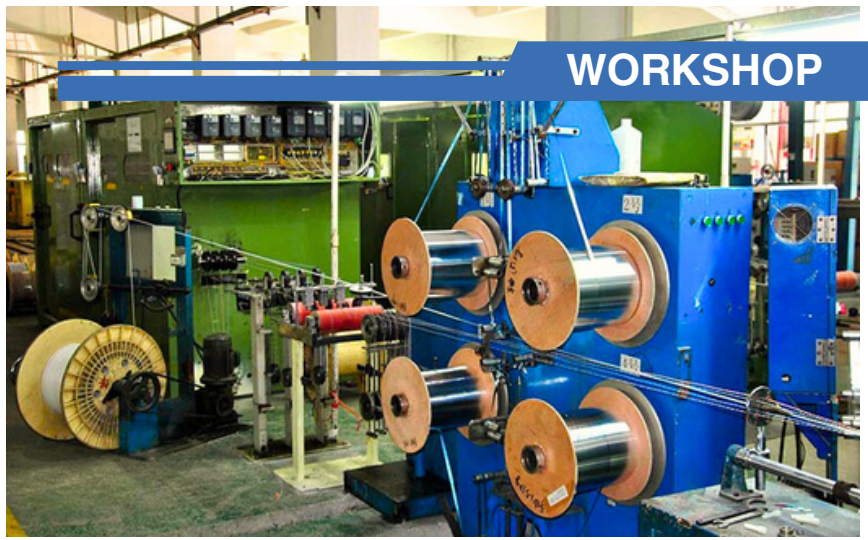
- * Copper Cabling Solution Products
- * Fiber Cabling Solution Products
- * Data Center Solution Products



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www.idealinknetwork.com





COMPANY INTRODUCTION

ABOUT US

Shenzhen Idealink is a pioneering company that specializes in communication cable since 2010. We offer a wide range of products, such as lan cable, patch cord, patch panel, keystone jack, fiber cable, optic patch cord, PLC, server rack and more. Our products are certified by CE, RoHS, UL, I S O 9 0 0 1. They are highly demanded in North America, Middle East, Europe, South East Asia, South America and other regions , serving and helping ISPs, wholesalers, distributors to grow their business and seize more business opportunities.

We are constantly improving our technology and updating our products. So far, our Cat8 network cables have met international standards, and the Headroom for other lan cables can reach to 5DB,some even more than 8DB. We have our own renowned brand Idex, which has been used in some prestigious government projects, such as custom project in Singapore, Airport project in Cameroon, Hospital project in Iraq. We also provide OEM and ODM services. Our

factory is an authorized cable supplier for some of the world's popular brands. I

Idealink has a dynamic, skilled and active team that is devoted to satisfying our customers and partners. We always believe that Quality is the first, Delivery is the second, Cost is the third and we are dedicated to helping clients build, connect, protect and optimize their networking and optical fiber infrastructure. We warmly welcome you to visit us and establish a long-term business relationship.



1
COPPER SOLUTION PRODUCTS

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3
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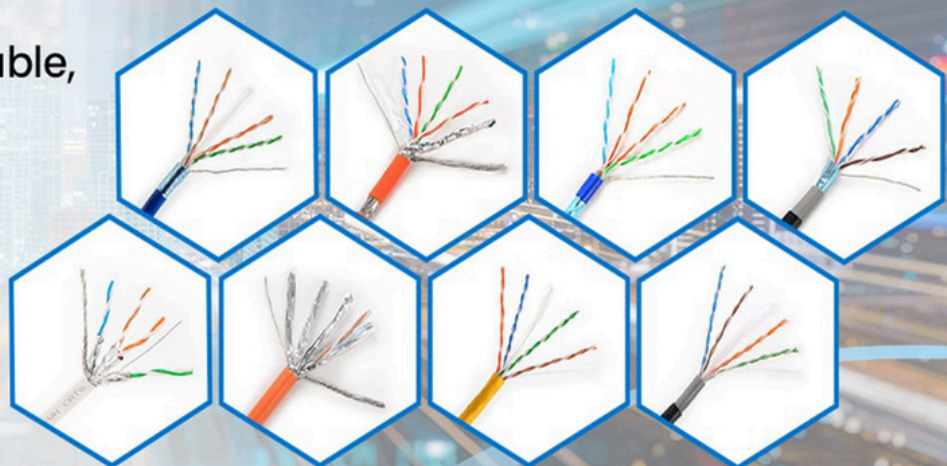
15+ Year Experience

Copper Cabling

LAN Cable Leading Manufacturer

OEM & ODM Service

Upgrade your network with durable, reliable cables from our factory



COPPER CABLING SOLUTION

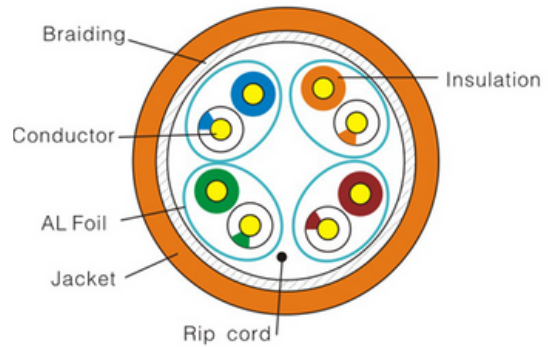
- Network Cable
- Ethernet Patch Cord
- Network Patch panel
- Keystone Jack
- RJ45 Connector & Boot
- Face Plate
- Network Tools & Tester
- Other Network Accessories



CAT8 S/FTP LAN CABLE



ID-CA8SF-PVC/LSZH



Description

- Cat8 S/FTP 40G Cable support high-speed enterprise and Data Center applications. It reaches to 2000Mhz.
- Cables designed in Saw-tooth structure against Alien Crosstalk.
- Cat8 S/FTP Cable double Shield Structured provides the highest level of security and protection for sensitive environments.
- Combined with Un-shielded & Shielded Keystone,Patch Cords, and Patch panel, provides excellent compatible performance.

Features

- Independently tested and verified by ETL
- 22AWG Bare solid copper conductor

Standard

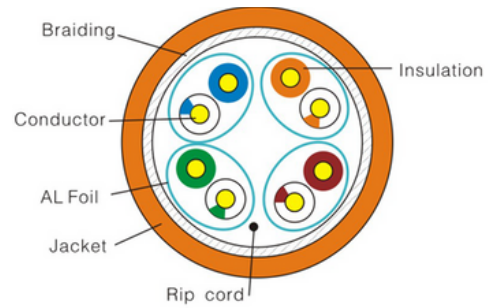
- All proposed Cat8 requirements as per ANSI/TIA/EIA, ISO/EC, and CENELEC EN Standards
- ANSI/TIA-568.2-D,ISO/EC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- IEC 61156-5.CENELEC EN 50288-4-1 for Installation Cable
- Flame Retardancy is verified according to IEC 60332-1-2.

Technical Specifications

Construction	ID-CA8SF-PVC/LSZH	
Conductor	AWG	22AWG
	OD	0.65mm±0.005mm
	Material	Bare Copper
Insulation	Thickness	0.3±0.03mm
	Material	Foam PE
Sheath	Material	Aluminum Foil
Braiding	Material	Mg+Al Braiding
Jacket	OD	8.2mm±0.2MM
	Material	PVC/LSZH



CAT7 S/FTP LAN CABLE



Description

ID-CA7SF-PVC/LSZH

- Cat7 S/FTP 10G Cable support high-speed enterprise and Data Center applications. It reaches to 600Mhz.
- Cables designed in Saw-tooth structure against Alien Crosstalk.
- Cat7 S/FTP Cable double Shield Structured provides the highest level of security and protection for sensitive environments.
- Combined with Un-shielded & Shielded Keystone,Patch Cords, and Patch panel, provides excellent compatible performance.

Features

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

Standard

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

Technical Specifications

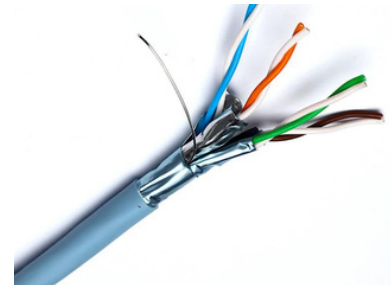
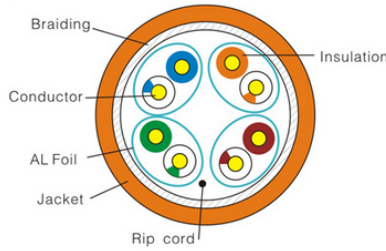
Construction	ID-CA7SF-PVC/LSZH	
Conductor	AWG	23AWG
	OD	0.59mm±0.005mm
	Material	Bare Copper
Insulation	Thickness	0.22±0.03mm
	Material	Foam PE
Sheath	Material	Aluminum Foil
Braiding	Material	Mg+Al Braiding
Jacket	OD	8.0mm±0.2MM
	Material	PVC/LSZH



CAT6A S/FTP F/FTP LAN CABLE



ID-CA6ASF-PVC/LSZH



ID-CA6AFF-PVC/LSZH

Description

- Cat6A S/FTP, F/FTP 10G Cable double Shield Structured provides highest level of security and protection for sensitive environments. Combined with Shielded Keystone Jack, Patch Cords, and Patch Panel, it provides excellent compatible performance.

Features

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

Standard

- All proposed Cat6A requirements as per ANSI/TIA/EIA, ISO/EC, and CENELEC EN Standards
- ANSI/TIA-568.2-D, ISO/IEC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- IEC 61156-5.CENELEC EN 50288-4-1 for Installation Cable
- Flame Retardancy is verified according to IEC 60332-1-2.

Technical Specifications

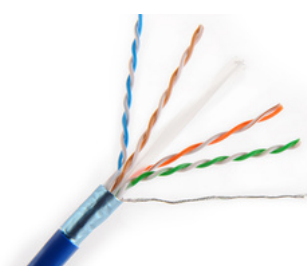
Construction	D-CA6ASF/FF-PVC/LSZH	
Conductor	AWG	23AWG
	OD	0.58mm±0.005mm
	Material	Bare Copper
Insulation	Thickness	0.22±0.03mm
	Material	Foam PE
Sheath	Material	Aluminum Foil
Braiding	Material	Mg+Al Braiding
Jacket	OD	8.0mm±0.2MM
	Material	PVC/LSZH



CAT6 SFTP/FTP/UTP LAN CABLE



ID-CA6SF-PVC/LSZH



ID-CA6F-PVC/LSZH



ID-CA6U-PVC/LSZH

Description

- Cat6 UTP & FTP & SFTP 250MHz Cable be used to Upgrade Cat5e system, provide high eltransmission, at least twice than Cat5e.
- Center Cross design to against the NEXT and provide more stable performance.
- Big Pulling Hole Packing Box Design allowed installe easily.
- Combined with Un-Shielded/Shielded Keystone Jack, Patch Cords, and Patch Panel, it provides excellent compatible performance.

Features

- Independently tested and verified by ETL
- 23AWG Bare solid copper conductor
- Easy Pulling Box Design.

Standard

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

Technical Specifications

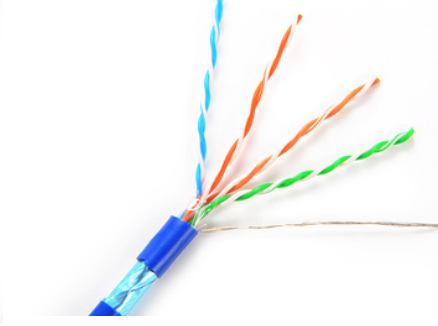
ID-CA6-PVC/LSZH		SFTP	FTP	UTP
Conductor	OD(23AWG)	0.57±0.01mm	0.57±0.01mm	0.56±0.01mm
	Material	Bare Copper		
Insulation	Material	PE	PE	PE
Sheath	Material	Al Foil	Al Foil	--
Braiding	Material	Mg+Al Braiding	--	--
Jacket	OD	7.2±0.2MM	7.2±0.2MM	6.0±0.2MM
	Material	PVC/LSZH	PVC/LSZH	PVC/LSZH



CAT5E SFTP/FTP/UTP LAN CABLE



ID-CA5SF-PVC/LSZH



ID-CA5F-PVC/LSZH



ID-CA5U-PVC/LSZH

Description

- Cat5e UTP & FTP & SFTP 100MHz Cable be used to Upgrade Cat5e system, provide high eltransmission, at least twice than Cat5.
- Center Cross design to against the NEXT and provide more stable performance.
- Easy Pulling Packing Box Design allowed installle easily.
- Combined with Un-Shielded/Shielded Keystone Jack, Patch Cords, and Patch Panel, it provides excellent compatible performance.

Features

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

Standard

- Cat5e requirements as per ANSI/TIAEIA, ISO/EC, and CENELEC EN Standards
- ANSI/TIA-568.2-D,ISO/EC 11801 2nd Edition CLASS F, CENELEC EN 50173-1
- IEC 61156-5,CENELEC EN 50288-4-1 for Installation Cable
- Flame Retardancy is verified according to IEC 60332-1-2.

Technical Specifications

ID-CA5-PVC/LSZH		SFTP	FTP	UTP
Conductor	OD (24AWG)	0.51±0.01mm	0.51±0.01mm	0.51±0.01mm
	Material	Bare Copper		
Insulation	Material	PE	PE	PE
Sheath	Material	Al Foil	Al Foil	--
Braiding	Material	Mg+Al Braiding	--	--
Jacket	OD	6.2±0.2MM	6.0±0.2MM	5.2±0.2MM
	Material	PVC/LSZH	PVC/LSZH	PVC/LSZH



Step 1:

How to choose the patch cord? Ethernet Patch Cords commonly used for local area networks (LANs). They come in various categories like Cat5, Cat5e, Cat6, Cat6a, Cat7, and Cat8, each supporting different speeds and bandwidths. Unshielded (U/UTP) is suitable for environments with minimal electromagnetic interference (EMI); Shielded (S/UTP, S/STP, S/FTP) provides better protection against EMI, ideal for industrial or high-interference environments. The maximum length is typically 100 meter. Cat5e supports up to 1 Gbps; Cat6 up to 10 Gbps over shorter distances; Cat6a to 10 Gbps over longer distances; Cat7 & Cat8 is higher performance, suitable for data centers and high-speed applications.

Cat8 Patch Cord

- The high-speed network solution according to the CAT 8.1 standard
- Support 25G/40G Base-T speeds up to 25m with bandwidths of up to 2 G Hz
- Fluke DSX-8000 Channel Link Tested
- S/FTP & F/FTP construction, PVC/LSZH, 0.3m-25m are available.

Cat7 Patch Cord

- The S/FTP or F/FTP construction reach to 600MHz.
- Support 10G Base-T speeds
- Fluke DSX-8000 Channel Link Tested, flat and slim cable for option.
- PVC/LSZH with different colors are available.

Cat6A Patch Cord

- Cable performance reach to 550Mhz; 10G.
- Shielded and unshielded are available;
- Fluke Permanent & Component pass, flat & slim cable available;
- PVC/LSZH with different colors are available.

Cat6 Patch Cord

- Cable performance reach to 250Mhz;
- Shielded and unshielded are available;
- Fluke Permanent & Component pass, flat & slim cable available;
- PVC/LSZH with different colors are available.

Cat5e Patch Cord

- Cable performance reach to 100Mhz;
- Shielded and unshielded are available;
- Fluke Permanent & Component pass, flat & slim cable available;
- PVC/LSZH with different colors are available.



Step 2:

How to choose the cable size? Choosing the right conductor size (measured in American Wire Gauge or AWG) for your Ethernet cables depends on several factors, including the length of the cable run, the environment, and the specific application.

● 24AWG (7*0.2mm)

- Thicker Wire: Offers lower resistance and better signal quality over longer distances.
- Ideal For: Long cable runs (up to 100 meters), high-power applications like Power over Ethernet (PoE), and environments where durability is crucial.



● 26AWG (7*0.16mm)

- Moderate Thickness: Balances between performance and flexibility;
- Ideal For: Short to medium cable runs, typically found in patch cables and environments where some flexibility is needed.



● 28AWG (7*0.12mm) Slim Cable

- Thinner Wire: More flexible and easier to manage in tight spaces.
- Ideal For: Short cable runs (under 10 meters), high-density environments like data centers, and applications where space-saving is important. Shielded and unshielded are available;



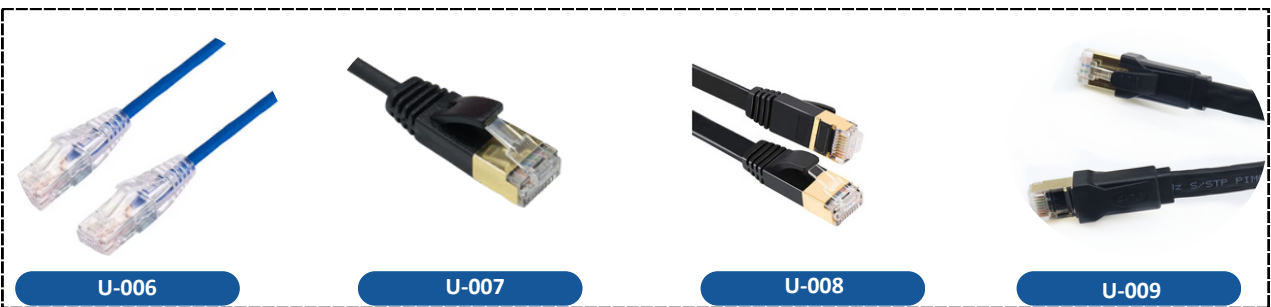
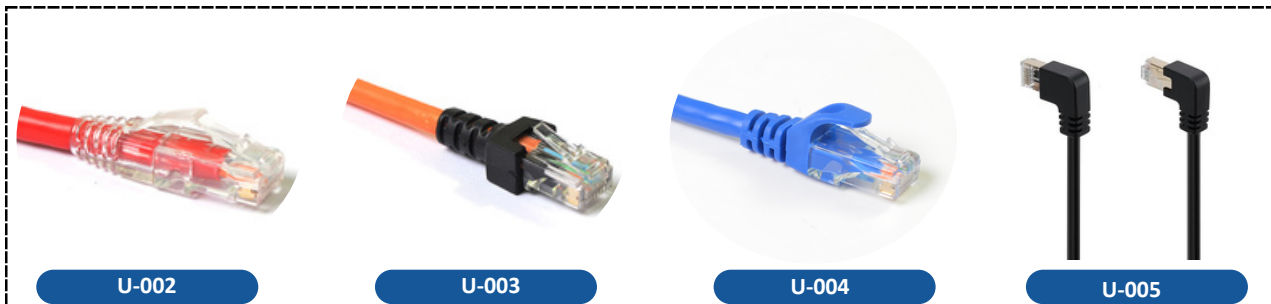
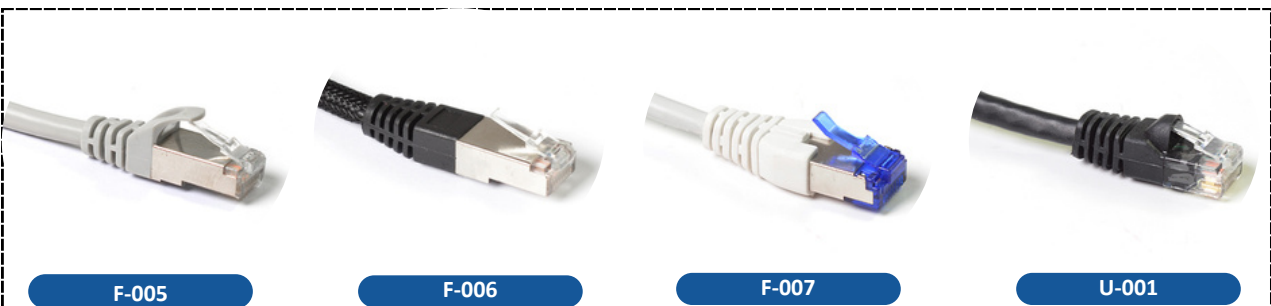
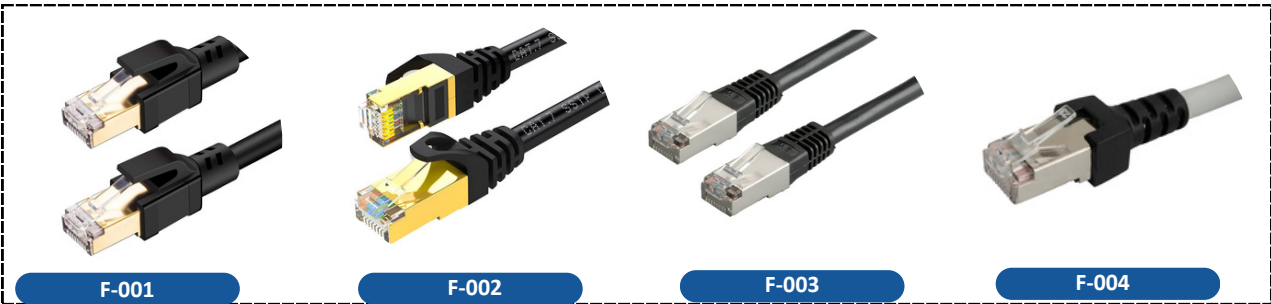
● 32AWG (7*0.08mm) Flat Cable

- Very Thin Wire: Offers the highest flexibility but with higher resistance
- Ideal For: Very short runs and applications where maximum flexibility is required, but not commonly used for standard Ethernet cabling due to higher signal loss.



Step 3:

How to choose the model? Having different model of patch cord according to different catalogue. Besides current model, we also accept ODM and OEM order. Designing your own model and printing your own logo on the connector.



Step 4:

How to choose the length? It depends on the distance of two connecting points.



Step 5:

How to choose packing way? You can choose IDEX standard packing, or your specified packing. Such as, cable printing, label design, packing bag size, carton size...etc.

Order Information:

Catalogue	Cat8	Cat7	Cat6A	Cat6	Cat5e
Construction	S/FTP, F/FTP			S/FTP, F/FTP, UTP	UTP, FTP, SFTP
Cable Size				24AWG=7*0.2mm; 26AWG=7*0.16mm; 28AWG=7*0.12mm; 32AWG=7*0.08mm	
Connector Type				Shielded : F001-F007; UTP: U001-U006; Slim: U007-U009	
Length				1m, 2m, 3m ... Customized	
Color				GY; BL; BK; GN; RD	

Fluke Test Report

LINKWARE™ PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: CAT7
Test Item: 100BASE-T
Limits Version: V6.3
Date / Time: 12/28/2023 10:27:32 AM
Operator: YS
Headroom 15.8 dB (NEXT 1.2-3.8)
Cable Type: Cat 7 S/FTP
NVP: 75.0%

Test Summary: PASS

Main: Versiv SN: 2972451
Software Version: V5.5 Build 2
Calibration Date: 04/02/2015
Adapter: DSX-5000 (DSX-CHA004)
SN: 4536216

Remote: Versiv SN: 2972449
Software Version: V5.5 Build 2
Calibration Date: 04/02/2015
Adapter: DSX-5000R (DSX-CHA004)
SN: 3053352

Length (ft), Limit 528 (Pair 1,2) 19
Prop. Delay (ns), Limit 555 (Pair 1,2) 25
Delay Skew (ns), Limit 50 (Pair 1,2) 0
Resistance (ohms), Limit 25.00 (Pair 1,2) 2.22

Insertion Loss Margin (dB) (Pair 1,2) 49.9
Frequency (MHz) (Pair 1,2) 500.0
Limit (dB) (Pair 1,2) 53.4

Worst Case Margin Worst Case Value

NA	MAIN	SR	MAIN	SR
Worst Pair	13.5	13.5	13.4	34.4
NEXT (dB)	15.8	17.7	26.6	24.9
Freq. (MHz)	2.0	2.8	495.0	494.0
Limit (dB)	65.0	65.0	22.2	22.2
Worst Pair	3.3	3.3	4.5	4.5
PS NEXT (dB)	17.6	18.9	25.2	25.4
Freq. (MHz)	3.1	3.3	494.0	494.0
Limit (dB)	62.0	62.0	20.6	20.6

Constant Network Standards:

100BASE-T	100BASE-TX	100BASE-T4
100BASE-T	100BASE-TX	100BASE-T4
100BASE-T	100BASE-TX	100BASE-T4
100BASE-T	100BASE-TX	100BASE-T4

Project: DEFAULT
Untitled1
Page 3
FLUKE networks

LINKWARE™ PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: 6A1.5M
Date / Time: 04/24/2018 06:41:34pm
Headroom: 13.8 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Channel
Cable Type: Cat 6A FTP/UTP

Test Summary: PASS

Operator: Your Name
Software Version: 2.7500
Limits Version: 1.9500
NVP: 74.0%

Model: DTX-1800
Main SN: 3185003
Remote SN: 3185004
Main Adapter: DTX-CHA003
Remote Adapter: DTX-CHA002

Length (ft), Limit 528 (Pair 3,6) 4
Prop. Delay (ns), Limit 555 (Pair 1,2) 1
Delay Skew (ns), Limit 50 (Pair 1,2) 0.5
Resistance (ohms) (Pair 1,2) 48.2
Frequency (MHz) (Pair 1,2) 500.0
Limit (dB) (Pair 1,2) 49.3

Worst Case Margin Worst Case Value

NA	MAIN	SR	MAIN	SR
Worst Pair	30-45	30-45	30-45	30-45
NEXT (dB)	14.2	13.8	14.2	13.8
Freq. (MHz)	478.0	495.0	478.0	495.0
Limit (dB)	26.6	27.0	26.6	27.0
Worst Pair	30	30	30	30
PS NEXT (dB)	15.6	15.0	15.6	15.0
Freq. (MHz)	471.0	495.0	471.0	495.0
Limit (dB)	23.9	24.1	23.9	24.1

Constant Network Standards:

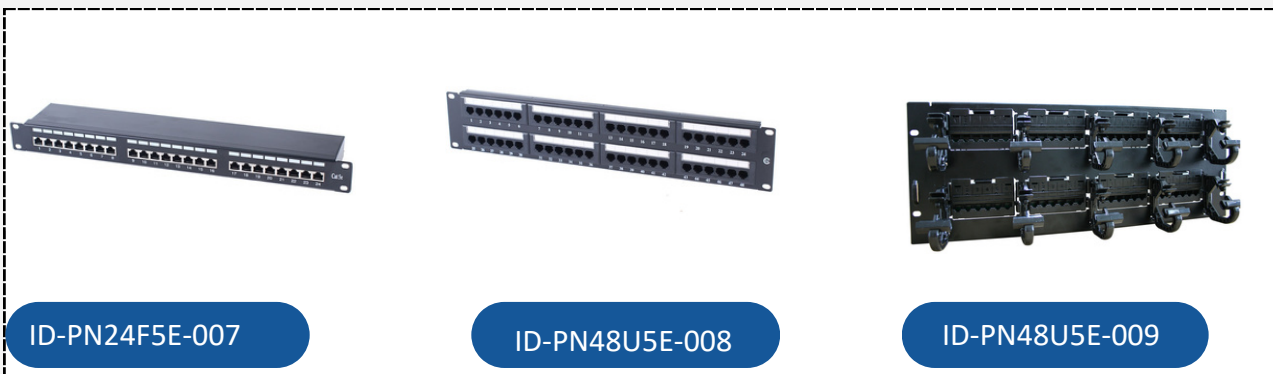
100BASE-T	100BASE-TX	100BASE-T4
100BASE-T	100BASE-TX	100BASE-T4
100BASE-T	100BASE-TX	100BASE-T4
100BASE-T	100BASE-TX	100BASE-T4

Project: SE-CAT5E
Site: Client Name
UNTITLED.flw
Page 3
FLUKE networks



An Ethernet patch panel is an effective and flexible networking device to keep your data center or server room organized as well as make it much easier to move, add or change the cabling infrastructure in the future. Idealink supplies Cat5e, Cat6, Cat6A unshielded | shielded, 24 | 48 port Snap-in or blank panels. OEM orders are welcomed.

Cat5e Patch Panel



10inch 12port Patch Panel

- Panel:1.5mm/SPCC with Black color painting.
- RJ45 Housing:PBT,
- RJ45 Contact material & finished: Phosphor Bronze with50-60 micro-inch Nickel plated. Contact area:Min.3micro-inch Gold plated.
- IDC House: PC,
- IDC Terminal material & finished: Phosphor Bronze with 50 micro-inch Tin-Lead plated. over 50-60 micro-inch Nickel plaed. 110&Krone tool compatible.
- Use for 23-24AWG stranded and solid wire.
- Jack Bracket Set:ABS,Black color.



Cat6 Patch Panel

Idealink CAT6 network patch panel are designed for operating frequencies up to 250 Mhz. STP/UTP shielded or unshielded, Feed-Through or punch down, 1U rack mount patch panel for high density and easy patching solutions in data centres. The Cat6 Ethernet patch panel is designed for use in 19" racks and ideal for 10/100/1000Base-T and 10GBase-T Ethernet applications. It bundles the networks together to connect incoming and outgoing lines and improve the organisation of a wired network.



ID-PN24U6-001



ID-PN16U6-002



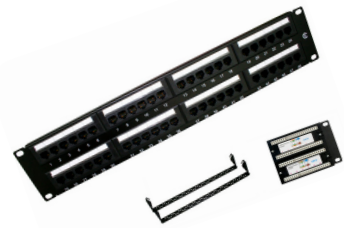
ID-PN24U6-003



ID-PN24U6-004



ID-PN24U6-005



ID-PN48U6-006



ID-PN24F6-007



ID-PN48U6-008



ID-PN24U6-009



ID-PN24U-010



Cat6A Patch Panel

Cat6a patch panel for high density and easy patching solutions in data centers, healthcare, government, pharmaceuticals and more. The Cat6a Ethernet patch panel is designed for use in 19" racks and ideal for 10/100/1000Base-T and 10GBase-T Ethernet applications. It manages and organizes Cat6a input and output cable connections in high-density Ethernet network.



Unloaded Patch Panel

An unloaded Ethernet patch panel, also known as a blank or keystone patch panel, is a versatile and customizable component used in network cabling. Unlike pre-loaded patch panels that come with built-in RJ45 ports, unloaded patch panels feature empty slots that allow you to install different keystone jacks, such as Cat5e, Cat6, Cat6A, shielded and unshielded or even multimedia connectors like HDMI or USB.





ID-PN24-004



ID-PN24-005



ID-PN24-006



ID-PN24-007



ID-PN24-008



ID-PN48-009



ID-PN48-010



ID-PN48-011



ID-PN24-012



ID-PN24U-013



ID-PN24F-013



ID-PN24-014



ID-PN24-015



Cable Organizer

A cable organizer is a practical tool designed to manage and tidy up ethernet cables. Idealink supply 1U, 2U, dual side organizers come in different forms and materials, each suited for specific needs.



ID-CM-001



ID-CM1U-002



ID-CM2U-002



ID-CM2U-002



ID-CM-003



ID-CM-004



ID-CM-005



ID-CM-006



ID-CM-007



ID-CM-008



ID-CM-009


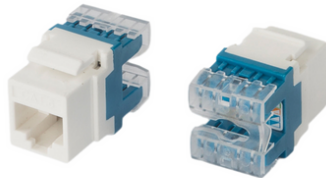





ID-CM-010








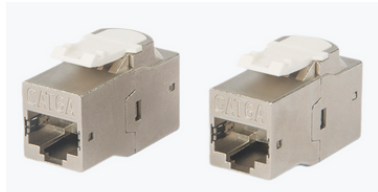
Keystone Jack

Keystone Jacks from Idealink Network provide the ultimate performance at a competitive price. Cat8/Cat6A/Cat6/Cat5e UTP/FTP 180/90 degree toolless or punch down keystone jack are available in our company. Welcome contact with us for latest quotation and sample.

		
ID-KJU5E6-001	ID-KJU5E6-002	ID-KJU5E6-003
90 degree Punch down keystone Jack	180 degree Punch down keystone Jack	Toolless Style
Cat5e/Cat6 UTP	Cat5e/Cat6/Cat6a UTP (different colors)	Cat5e/Cat6/Cat6a UTP (different colors)

		
ID-KJU6-004	ID-KJU5E6-005	ID-KJF6A6-006
Different color available	Toolless Style	Toolless Style
Cat6 UTP	Cat5e/Cat6/Cat6a UTP(different colors)	Cat5e/Cat6/Cat6a FTP

		
ID-KJU5E6-007	ID-KJF6A-008	ID-KJU5E6-009
Toolless Style	3M style Toolless Style with dust cover	180 degree Punch down style Australia
Cat5e/Cat6/Cat6a UTP	Cat6a FTP available	Cat5e/Cat6 UTP

		
ID-KJU5E6-010	ID-KJU5E6-011	ID-KJF6A6-012
Nexans style	UTP Coupler	Shielded Coupler
Cat5e/Cat6 UTP	Cat5e/Cat6/Cat6a UTP (6colors)	Cat6/Cat6a



Keystone Jack



ID-KJF5E6-013
90 degree shielded keystone jack
 Cat5e/Cat6



ID-KJF6A6-014
Tooless Style Shielded Keystone Jack
 Cat5e/Cat6/Cat6a



ID-KJU5E6-015
Punch Down Style Keystone Jack
 Cat5e/Cat6/ UTP



ID-KJF8-016
Cat8 FTP Keystone Jack
 Fluke Pass



ID-KJ3-017
45*22.5mm French Style
 For Telephone



ID-KJ3-018
45*45mm French Style
 For Telephone



ID-KJU6A6-019
French Style Face Plate & Keystone
 45*22.5mm
 Cat6/Cat6a UTP available



ID-KJU6A6-020
French Style Face Plate & Keystone
 45*45mm
 Cat6/Cat6a UTP available



ID-KJF6A6-021
French Style Face Plate & Keystone
 45*22.5mm
 Cat6/Cat6a FTP available



ID-KJF6A6-022
French Style Face Plate & Keystone
 45*45mm
 Cat6/Cat6a FTP available



ID-SK-001
French Style Socket
 45*45mm



CAT8 Keystone Jack ID-KJF8-016

- Coppered full metal RJ45 shielded for Category8 Keystone Jack;
- Robust die-cast housing provides superior shielding and migates alien crosstak;
- It supports 22 to 24AWG shielded wire with an outside diameter between 5.5 and 9.0mm.
- Cat8 Keystone Jack in an RJ45 keystone jack 40GBASE-T channel compliant network up to 30 meters.
- Coppered Cat8 Keystone Jack could load to our 1U 24 Port or 1U high-density 48 Port empty patch keystone jack panel properly
- It supports IEC 60603-7-4 and complied with ANSI/ TIA EIA-568-D.2 standard.



RJ45 Connector & Boot

RJ45 connectors are most commonly used to connect devices in a Local Area Network (LAN) or Wide Area Network (WAN). They are essential for connecting computers, routers, switches, and other network devices. Idealink supply different kinds of rj45 connectors to meet all demands.

Toolless RJ45 Connector

<p>ID-RJ45-T8F001 Toolless RJ45 Plug Cat6a/Cat7/Cat8 FTP available</p>	<p>ID-RJ45-TF002 Toolless RJ45 Plug Cat6/Cat6a/Cat7 FTP available</p>	<p>ID-RJ45-TF003 Toolless RJ45 Plug Cat6/Cat6a/Cat7 FTP available</p>

<p>ID-RJ45-TU004 Toolless RJ45 Plug Cat6/Cat6a UTP available</p>	<p>ID-RJ45-TU005 Toolless RJ45 Plug Cat5e/Cat6/Cat6a UTP available</p>	<p>ID-RJ45-TU006 Toolless RJ45 Plug Cat6/Cat6a UTP available</p>



CAT8 Tooless RJ45 Plug

- Internal PCB board needle holder connection design to reduce performance degradation after transfer;
- Applicable the wire gauge AWG22-AWG23;
- 8-pin contact material 30 μ The gold-plated layer has a durability of 1500 insertions and withdrawals;
- The shell material is environmentally friendly PC flame-retardant material, the metal shell is zinc alloy, and the gold needle is phosphorus bronze plated with gold.
- Packing: 500pcs/carton; 12.5kg/carton,
- Carton Size: 56*39*24cm



Instruction of Cat8 Tooless Plug

1 Components: Copper Foil Tape (1.58m x 0.3mm), RJ45 Cover, SR Boot.

2 Cable and Boot assembly.

3 Cable preparation: S/FTP (30mm Min., 10mm) or U/FTP.F/UTP (30mm Min., 10mm).

4 Wrapping the cable with Copper foil Tape (10mm).

5 Cable wrapped up.

6 Inserting the plug into the port.

7 Pushing the plug in (5.9mm Max.).

8 Pushing the plug in further.

9 Cut front row wires flush.

10 Cut rear row wires flush.

11 Final connection (0.2mm Max.).

12 Key for the plug.

13 Inserting the key.

14 Pushing the key in (2, 3).

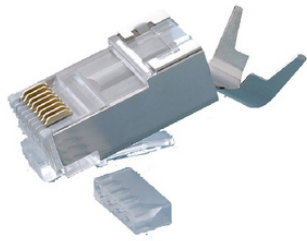
15 Final assembly.

16 Legend and Pin assignments:

Legend	1	2	3	4	5	6	7	8
W White	W-G	G	W-O	BL	W-BL	O	W-BR	BR
G Green	Pin assignment T568A							
O Orange	1	2	3	4	5	6	7	8
BL Blue	W-O	O	W-G	BL	W-BL	G	W-BR	BR
BR Brown	Pin assignment T568B							

	Solid	Stranded	Cable(O.D.)
C6A	23-26AWG	23-26AWG	6.0-7.6mm
C8	23-24AWG	23-24AWG	7.0-8.5mm





ID-RJ45-7F007
 Cat6a/Cat7 RJ45 Connector
 Fu-50U; Nickle & Gold Plating



ID-RJ45-F008
 Cat5e/Cat6 FTP RJ45 Connector
 Fu-50U; Nickle & Gold Plating



ID-RJ45-U009
 Cat5e/Cat6 UTP RJ45 Connector
 Fu-50U with different color available



ID-RJ45-EZ010
 Cat5e/Cat6/Cat6a UTP EZ Plug
 FU-50U; UTP & FTP available



ID-RJ11-011
 RJ11/RJ12



ID-RJ45-BC012
 Cat5e/Cat6 Boot Cover
 Different Color available



ID-RJ45-BC013
 Cat7/Cat8 Boot Cover
 OD7.5mm



ID-RJ45-BC014
 Cat5e/Cat6 Boot Cover
 Different color available



ID-RJ45-BC015
 Cat5e/Cat6/Cat6a Boot Cover
 OD6.5mm; Different color available

Face Plate

Different styles of wall face plates are available, all made from durable high-impact ABS plastic. They support high-speed applications, blend seamlessly into home or office decor, and protect and hide network connections. These plates accept all keystone inserts and feature standard 110 type IDC termination for quick and easy installation.

ID-FP-001	ID-FP-002	ID-FP-003	ID-FP-004
ABS 86*86mm	ABS 86*86mm	ABS 86*86mm	ABS 70*114mm
1/2/4port available	1/2/4port available	1/2/4port available	1/2/3/4/6port available

ID-FP-005	ID-FP-006	ID-FP-007	ID-FP-008
ABS 70*114mm	ABS 5*45mm Angled French Style	ABS 45*45mm & 45*22.5mm	ABS 45*45mm & 45*22.5mm
1/2/3/4/6port available	Single & Dual Port	French Style Single & Dual Port	French Style Single & Dual Port

ID-MBS-001	ID-MBD-001	ID-MBS-002	ID-MBD-002
Single Port	Dual Port	Single Port	Dual Port
60*42*27mm	60*71*27mm	60*42*26mm	60*67*26mm
without keystone with shutter	without keystone with shutter	Cat5e, Cat6, Cat6a available	Cat5e, Cat6, Cat6a available





ID-MBS-003	ID-MBD-003	ID-MBS-004	ID-MBD-004
UTP Single Port	UTP Dual Port	FTP Single Port	FTP Dual Port
65*49*25mm	65*49*25mm	65*49*25mm	65*49*25mm
Cat5e, Cat6, Cat6a available	Cat5e, Cat6, Cat6a available	Cat5e, Cat6, Cat6a available	Cat5e, Cat6, Cat6a available


ID-MBS-005	ID-MBD-005
Single Port	Dual Port
Fixed with Cat5e/Cat6/Cat6a Jack	Fixed with Cat5e/Cat6/Cat6a Jack




Network Crimping Tool

			
ID-NT-EZ01	ID-NT-EZ02	ID-NT-7088	ID-NT-5684R
Crimping Tool for EZ Connector	Crimping Tool for EZ Connector	Crimping Tool for Cat7	Crimping Tool
Fit for Cat5e/Cat6	Fit for Cat5e/Cat6/Cat7	Fit for Cat5e/Cat6/Cat7	Fit for 6P6C/8P8C

			
ID-NT-468ST	ID-NT-760A	ID-NT-760B	ID-NT-386
Multi-functional Crimping Tool	180degree Crimping Tool	90 degree Crimping Tool	Crimping Tool
Fit for 4P4C/6P6C/8P8C	Fit for Cat5e/Cat6/Cat7	Fit for 6P6C/8P8C	Fit for 4P4C/6P6C/8P8C

			
ID-NT-2008R	ID-NT-385	ID-NT380	ID-NT-501
Crimping Tool	Punch Down Tool	Punch Down Tool	Stripper
Fit for 4P4C/6P6C/8P8C/10P10C	110 type	Fit for 6P6C/8P8C	

Network Tool Kits

			
ID-TK-001	ID-TK-002	ID-TK-003	ID-NT-336
Network Tool Kits	Network Tool Kits	Network EZ Tool Kits	Coaxial Crimping Tool
6pcs/set	4pcs/set	108pcs/set	Fit for RG58/RG59/RG62/RG6

Network Tester



ID-CT-471
4 in 1 Network Tester
 Fit for RJ45/RJ11/BNC/USB Type A



ID-CT-468
Network Tester
 Fit for RJ45/RJ11/BNC



ID-CT-477
Network Wire Tracker
 Fit for RJ45/RJ11



ID-CT-472
Network Tester
 Fit for RJ45/RJ11/BNC/USB



ID-CT-SC8108
Multi-functional Network Tester
 Fit for network cable /coaxial cable



ID-CT-468B
Network Tester
 Fit for RJ45/RJ11

Cable Tie



ID-E-001
Nylon Cable Tie
 different size & color available



ID-E-002
Reusable Cable Tie
 different size & color available



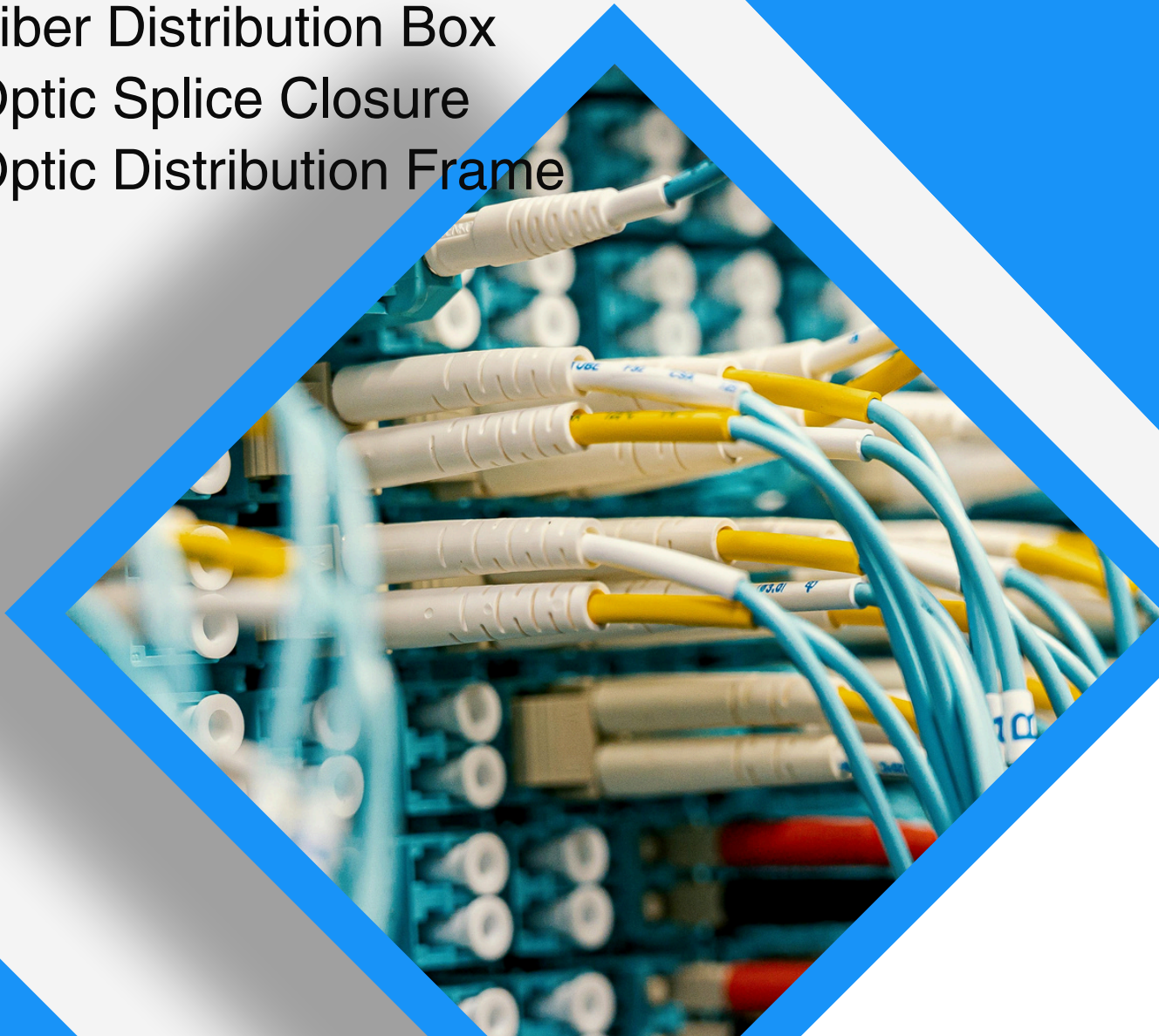
ID-E-003
Dual-Side Hook and Loop Cable Tie
 different size & color available



ID-E-004
Hook & Loop Cable Tie with Buckle
 different size & color available

FIBER OPTIC SOLUTION

- Fiber Optic Cable
- Optic Patch Cord
- Optic Pigtail
- Fast Connector
- Optic Adapter
- PLC Splitter
- Fiber Distribution Box
- Optic Splice Closure
- Optic Distribution Frame



Central Loose Tube Armored Cable(GYXTW)

The GYXTW fiber optic cable is a strong and flexible option for outdoor use, including in ducts, aerial installations, and direct burial. It has a loose tube made of durable plastic that holds the 250µm optical fibers, protecting them from stress and environmental damage. The tube is filled with a water-resistant compound, and water-blocking materials are used to keep the cable dry. Additionally, the cable has a layer of steel tape or wire armor for extra protection against physical damage while staying flexible. The GYXTW fiber optic cable is an excellent choice for projects requiring a durable, high-performance solution for outdoor installations.

Characteristics:

- The two parallel FRP strength members provides enough tensile strength
- Special gel in the tube offers critical protection for the fibers
- Small diameter and light weight
- PE jacket itself prevents UV, and UV material can be added to perform much better
- It's available under high and low temperatures and anti-aging

Applications:

- Aerial/ conduit
- Connecting communication equipments
- Indoor shaft, buildings, pipe, buried

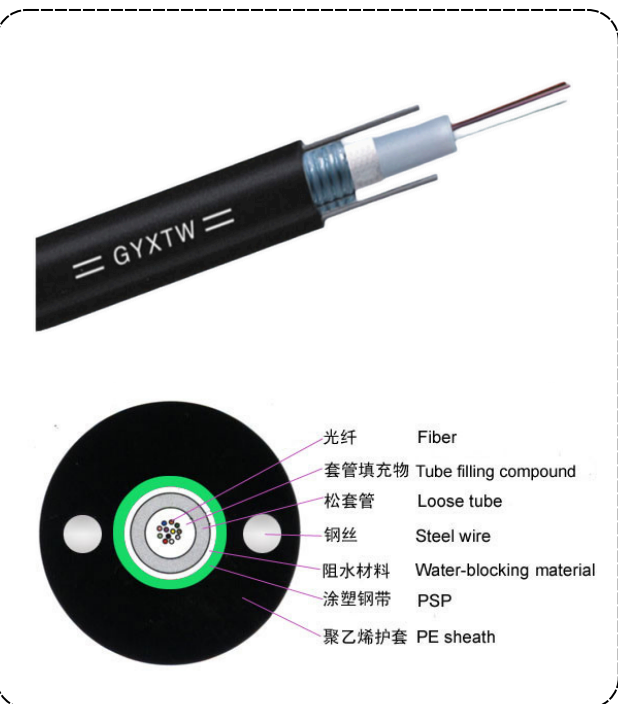
Standard:

- YD/T 769-2010

Ordering Information:

- Fiber count: 2~24cores
- Fiber type

For example: GYXTW 24cores SM/ G652D



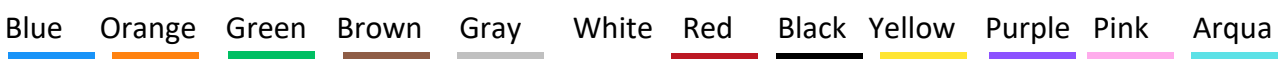
Transportation/storage/usage temperature:

- -40°C to +70°C

Specifications

P/N	Fiber Count	Outer diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
				Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GYXTW	2-8	8.0	80	600	1500	300	1000	15D	30D
GYXTW	10-12	8.0	80	600	1500	300	1000	15D	30D
GYXTW	14-24	10.5	110	600	1500	300	1000	15D	30D

12 Core of Bare Fibers:



Stranded Aluminum/Steel Tape Cable(GYTA/S)

The GYTA/S optical cable has a structure where 250µm optical fibers are placed in a loose tube made of strong material, filled with a waterproof compound. The center of the cable has a metal reinforcement core. The loose tubes (and filling ropes) are twisted around the central core to form a compact, circular cable core, with gaps filled with water-resistant material. The cable is then wrapped in APL / PSP and covered with a polyethylene sheath.

Characteristics:

- Aluminum/Steel jacket offers high tension and crush resistance
- Special gel in the tube offers critical protection for the fibers
- With steel central strength member
- PE jacket itself prevents UV, and UV material can be added to perform much better
- It's available under high and low temperatures and anti-aging

Applications:

- Conduit/ buried
- Connecting communication equipments
- Multi-cores wiring systems in data centers

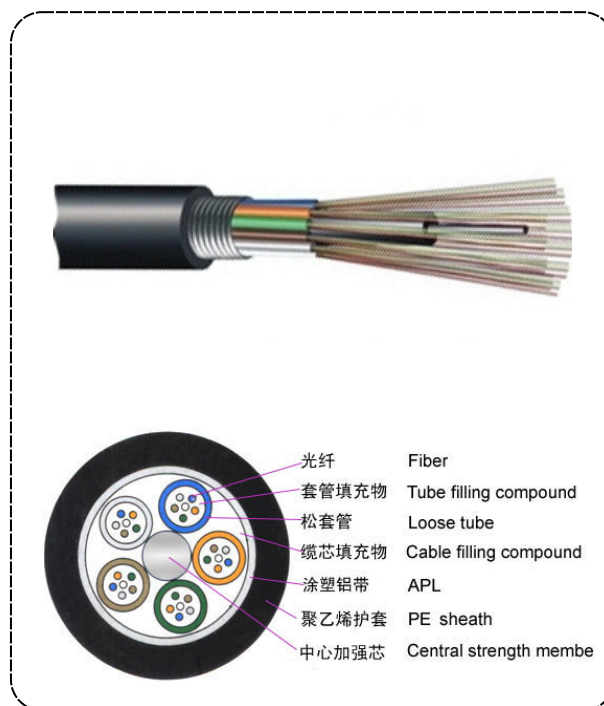
Standard:

- YD/T 901-2009& IEC 60794-1

Ordering Information:

- Fiber count: 12~144cores
- Fiber type

For example: GYTA/S 144cores SM/ G652D



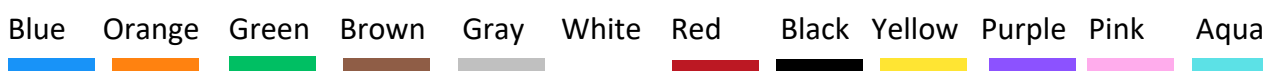
Transportation/storage/usage temperature:

- -40°C to +70°C

Specifications:

P/N	Fiber Count	Outer diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
				Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GYTA/S	20-60	9.5	95	600	1500	300	1000	15D	30D
GYTA/S	62-72	10.5	100	1000	3000	300	1000	15D	30D
GYTA/S	74-96	12.5	140	1000	3000	300	1000	15D	30D
GYTA/S	98-120	14.5	150	1000	3000	300	1000	15D	30D
GYTA/S	122-144	16.5	210	1000	3000	300	1000	15D	30D

12 Core of Bare Fibers:



Stranded Double Jackets Armored Cable (GYTA53)

The GYTA53 fiber optic cable is a robust and versatile solution designed for outdoor applications, particularly for direct burial. It has double armors, providing excellent protection against physical damage and moisture. It is an excellent choice for projects requiring a durable, high-performance solution for outdoor installations.

Characteristics:

- Double armored jackets of steel+ aluminum offer high tension and crush resistance
- Special gel in the tube offers critical protection for the fibers
- With steel central strength member
- PE jacket itself prevents UV, and UV material can be added to perform much better
- It's available under high and low temperatures and anti-aging

Applications:

- Conduit/ buried
- Connecting communication equipments
- Multi-cores wiring systems in data centers

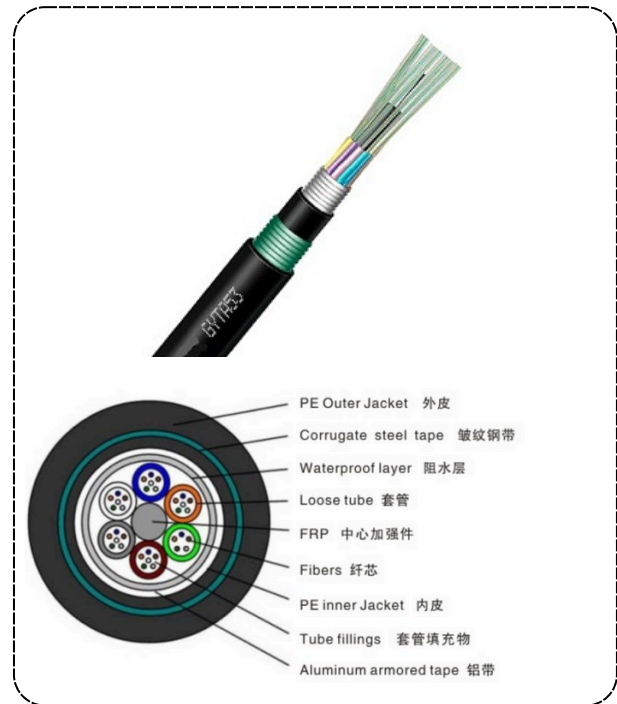
Standard:

- YD/T 901-2009& IEC 60794-1

Ordering Information:

- Fiber count: 12~144cores
- Fiber type

For example: GYTA53 144cores SM/ G652D



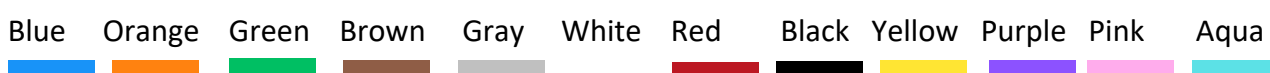
Transportation/storage/usage temperature:

- -40°C to +70°C

Specifications:

P/N	Fiber Count	Outer diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
				Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GYTA53	20-60	12.5	160	1000	3000	1000	3000	15D	30D
GYTA53	62-72	13.5	200	1000	3000	1000	3000	15D	30D
GYTA53	74-96	15.0	240	1000	3000	1000	3000	15D	30D
GYTA53	98-120	16	280	1000	3000	1000	3000	15D	30D
GYTA53	122-144	18	300	1000	3000	1000	3000	15D	30D

12 Core of Bare Fibers:



Stranded Non-metallic & Non-armored Cable (GYFTY)

The GYFTY fiber optic cable has fibers inside a PBT loose tube. These tubes are arranged around a central FRP strength member. Dummy fillers are added if needed. Fiberglass yarn is used for extra strength, wrapped in polyester tape and covered with a PE outer sheath. Water-blocking jelly is used between the PBT tube and the fiberglass yarn to keep the cable dry.

Characteristics:

- Non-metallic water blocking+ glass yarn provides high tensile strength.
- Special gel in the tube offers critical protection for the fibers.
- With FRP central strength member.
- PE jacket itself prevents UV, and UV material can be added to perform much better.
- It's available under high and low temperatures and anti-aging.

Applications:

- Conduit/ buried
- Connecting communication equipments
- Multi-cores wiring systems in data centers

Standard:

- YD/T 901-2009

Ordering Information:

- Fiber count: 12~144cores
- Fiber type

For example: GYFTY 96cores SM/ G652D



Transportation/storage/usage temperature:

- -40°C to +70°C

Specifications:

P/N	Fiber Count	Outer diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
				Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GYTA53	2-36	10.2	90	600	1500	300	1000	15D	30D
GYTA53	38-72	11.0	110	600	1500	300	1000	15D	30D
GYTA53	74-96	12.0	135	600	1500	300	1000	15D	30D
GYTA53	98-120	14.0	170	600	1500	300	1000	15D	30D
GYTA53	122-144	16.0	200	600	1500	300	1000	15D	30D

12 Core of Bare Fibers:



All Dielectric Self-supporting Aerial Cable(ADSS)

ADSS cable is a type of fiber optic cable that can support itself between structures without using metal parts. It can have up to 144 fibers, supporting both sm and mm fibers. ADSS cables are used for various applications, from connecting poles to buildings to linking towns. They are designed for duct applications in local and outdoor aerial networks, as well as campus networks.

Characteristics:

- All dielectric non-metal strength member
- Special gel in the tube offers critical protection for the fibers
- FRP central strength member& filling compound of aramid yarn from Dupont
- Excellent AT performance
- It's available under high and low temperatures and anti-aging.
- Its light weight& small diameter reduce loading on towers from ice and wind

Applications:

- Aerial/ long distance wiring systems
- Wiring systems in high voltage
- Aerial installation in harsh environments

Standard:

- IEEE P 1222& IEC 60794-1

Ordering Information:

- Fiber count: 12~144cores
- Fiber type
- Span



Transportation/storage/usage temperature:

- -40°C to +70°C

For example: ADSS 144cores SM/ G652D with span of 250/370m

Specifications:

Outer diameter (mm)	Weight (kg/km)		Max. working tension (Daily)	Max. working tension	Break strength (kN)	Tensile element cross-sectional area mm ²	Modulus of elasticity kN/mm ²	Heat expansion coefficient	Ref. Span
	PE Jacket	AT Jacket							
12.5	125	136	1.5	4.0	10	4.6	7.6	1.8	1.8
13.0	132	142	2.3	6.0	15	7.6	8.3	1.5	1.5
13.6	145	156	3.6	10.0	24	13.8	10.8	1.2	1.2
14.9	171	185	6.8	18.0	45	22	16.4	0.6	0.9
15.5	190	204	9.0	26.0	60	32.2	19.1	0.1	0.1
16.8	226	242	15.5	41.0	103	48	24.0	-0.4	0.1

12 Core of Bare Fibers:



Figure 8 Self- supporting cable(GYTC8S)

GYTC8S is a type of aerial fiber optic cable, known as a "figure-8" cable because of its shape. It's designed for outdoor use, especially for hanging between poles. The cable is tough, with a steel tape armor that protects it from moisture, crushing, and even gunshots. It provides high-quality signal transmission with low loss and has a water-blocking system to keep it waterproof. Its self-supporting design makes it easy to install in aerial setups.

Characteristics:

- self-supporting, provides high tension for the cable
- Special gel in the tube offers critical protection for the fibers
- Small diameter and light weight make it easy to be installed
- PE jacket itself prevents UV, and UV material can be added to perform much better
- It's available under high and low temperatures and anti-aging

Applications:

- Aerial
- FTTH
- Wiring systems in shafts and buildings



Standard:

- YD/T1155-2011 & IEC60794-1

Transportation/storage/usage temperature:

- -40°C to +70°C

Ordering Information:

- Fiber count: 2~72cores
- Fiber type

For example: GYTC8S 72cores SM/ G652D

Specifications:

P/N	Fiber Count	Outer diameter (mm)	Suspension wire diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
					Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GYTC8S	12	7.0*14.5mm D*H	Φ1.0*7	218	4000	7500	500	1000	15D	30D
GYTC8S	24	7.0*14.5mm D*H	Φ1.0*7	218	4000	7500	500	1000	15D	30D
GYTC8S	72	7.0*14.5mm D*H	Φ1.0*7	240	4000	7500	500	1000	15D	30D

12 Core of Bare Fibers:



Figure 8 Central Loose Tube Cable(GYXTC8S)

GYXTC8S is a self-supporting aerial fiber optic cable, similar to GYTC8S but with some differences. It has a central loose tube with optical fibers and a water-resistant filling. The cable is armored with corrugated steel tape, making it resistant to moisture, crushing, and even gunshots. It provides high-quality signal transmission with low loss and has a water-blocking system to keep it waterproof. Its self-supporting design makes it easy to install in aerial setups.

Characteristics:

- Independent stranded steel wire structure of figure 8self-supporting, provides high tension for the cable
- Special gel in the tube offers critical protection for the fibers
- Small diameter and light weight make it easy to be installed
- PE jacket itself prevents UV, and UV material can be added to perform much better
- It's available under high and low temperatures and anti-aging



Applications:

- Aerial
- FTTH
- Wiring systems in shafts and buildings

Standard:

- YD/T1155-2011 & IEC60794-1

Transportation/storage/usage temperature:

- -40°C to +70°C

Ordering Information:

- Fiber count: 2~12cores
- Fiber type

For example: GYXTC8S 8cores SM/ G652D

Specifications:

P/N	Fiber Count	Outer diameter (mm)	Suspension wire diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
					Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GYXTC8S	4	7.0*13.0mm D*H	Φ1.0*7	118	1000	2500	300	1000	80D	160D
GYXTC8S	8	7.0*13.0mm D*H	Φ1.0*7	118	1000	2500	300	1000	80D	160D
GYXTC8S	12	7.0*13.0mm D*H	Φ1.0*7	118	1000	2500	300	1000	80D	160D

12 Core of Bare Fibers:

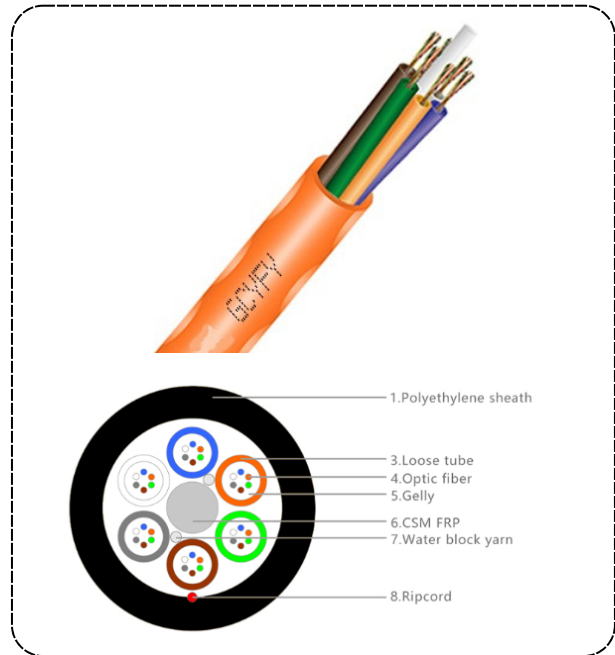


Stranded Air-blowing Micro Fiber Cable (GCYFY)

GCYFY fiber optic cable is made by placing optical fibers into loose tubes filled with waterproof compounds. The center of the cable has a non-metallic reinforcement core. For some cables, a cushion layer is added around this core. The loose tubes are twisted around the central core to form a compact, circular shape, and a polyethylene sheath is added on the outside.

Characteristics:

- Compact and Light: Easy to bend and install.
- Non-Metallic: No grounding needed, supports long air blowing distances.
- Efficient Use of Space: Fast construction using air blowing.
- Scalable: Can be added in batches as needed.
- Urban-Friendly: Ideal for crowded city areas, avoids digging.
- Flexible Placement: No need to pre-determine splice box locations.



Applications:

- FTTH
- Wiring systems in shafts and buildings

Standard:

- YD/T 1460-200

Ordering Information:

- Fiber count: 24~288cores
- Fiber type

For example: GCYFY 24cores SM/ G652D

Transportation/storage/usage temperature:

- -40°C to +70°C

Specifications:

P/N	Fiber Count	Outer diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Suitable for microtubes (mm)	Typical blowing distance (m)
				Long Term	Short Term	Long Term	Short Term		
GCYFY	24	4.5	16	0.3G	1.0G	150	500	6/8	≥1200
GCYFY	48	5.4	26	0.3G	1.0G	150	500	8/12	≥1200
GCYFY	72	5.4	26	0.3G	1.0G	150	500	8/12	≥1200
GCYFY	96	6.1	36	0.3G	1.0G	150	500	8/12	≥1200

12 Core of Bare Fibers:

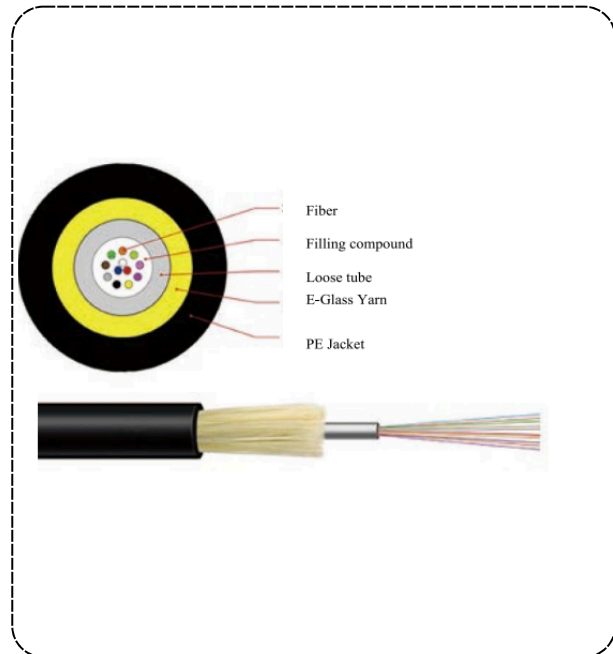


GET Indoor& Outdoor Cable

GET Indoor & Outdoor Cable is designed for both indoor and outdoor use. It eliminates the need for transition splices and can handle harsh outdoor conditions while meeting indoor flame safety standards. The cable provides reliable, high-quality signal transmission and is often covered with a Low Smoke Zero Halogen (LSZH) sheath to reduce toxic smoke in case of fire. It's ideal for various environments, including buildings and outdoor setups, and is suitable for residential, commercial, and industrial network connections.

Characteristics:

- Small diameter and light weight
- Special gel in the tube offers critical protection for the fibers
- High strength aramid yarn makes high tensile strength and mechanical performance
- PE jacket itself prevents UV, and UV material can be added to perform much better
- It's available under high and low temperatures and anti-aging



Applications:

- Aerial/ conduit
- Connecting communication equipments
- Indoor shaft, buildings, pipe, buried

Standard:

- YD/T 769-2010

Ordering Information:

- Fiber count: 2~12cores
- Fiber type

For example: GET 12cores SM/ G652D

Transportation/storage/usage temperature:

- -40°C to +70°C

Specifications:

P/N	Fiber Count	Outer diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
				Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GET	2-12	6.5	60	400	1000	300	1000	10D	15D
GET	2-12	9.5	90	600	1500	300	1500	10D	15D

12 Core of Bare Fibers:

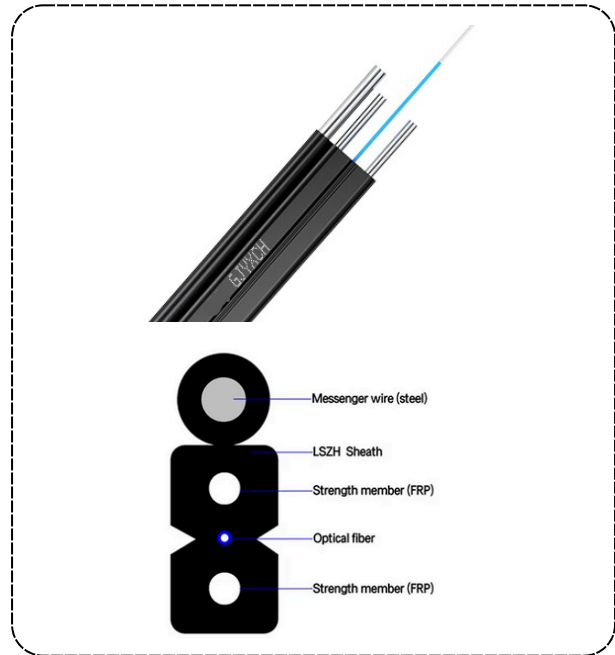


GJYXCH/GJYXFCH Outdoor Self-supporting Drop Cable

GJYXCH/GJYXFCH is used for outdoor fiber optic installations, especially for Fiber to the Home (FTTH). It has a central fiber with two strength members on the sides (FRP or steel wires). The cable is covered with a durable, low-smoke sheath. It's lightweight, flexible, and easy to install. It provides high bandwidth and is ideal for outdoor environments, including aerial setups.

Characteristics:

- Bow tie type cross-section design, LSZH or PVC jacket protection.
- Two parallel FRP or galvanized steel wire reinforcement to protect the fiber and provide adequate tension and pressure.
- Rolex flex fiber is designed to provide greater bandwidth and improve network transmission.
- Easily peeled off, light weight, small size, unique groove design, easy to follow the installation and maintenance.
- Single wire with suspension wire to enhance the tensile properties of steel wire.



Applications:

- Room indoor wiring
- FTTH optical home>User terminal
- Wiring systems in shafts and buildings

Standard:

- ICEA-596, GR-409,YD/T1997-2009

Transportation/storage/usage temperature:

- -40°C to +70°C

Ordering Information:

- Fiber count: 1~4cores
- Fiber type in details

For example: GJYXFCH 4cores SM/G657A2

Specifications:

P/N	Fiber Count	Outer diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
				Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GJXH/GJXFH	1	5.0*2.0mm	20	300	600	1000	2200	20D	40D
GJXH/GJXFH	2	5.0*2.0mm	20	300	600	1000	2200	20D	40D
GJXH/GJXFH	3	5.0*2.0mm	20	300	600	1000	2200	20D	40D
GJXH/GJXFH	4	5.0*2.0mm	20	300	600	1000	2200	20D	40D

12 Core of Bare Fibers:

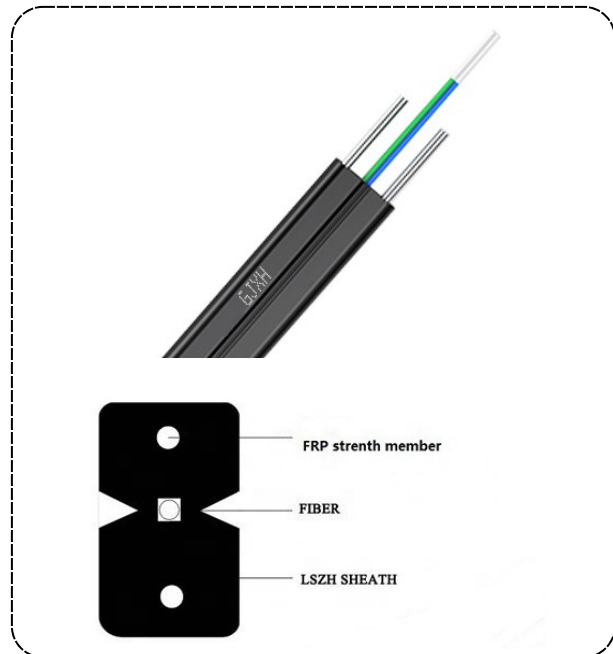


GJXH/GJXFH Indoor Drop Cable

GJXH/GJXFH Indoor Drop Cable is used for indoor fiber optic installations, especially for Fiber to the Home (FTTH). It has a central fiber with two strength members on the sides (FRP or steel wires). The cable is covered with a safe, low-smoke sheath. It's lightweight, flat, and easy to install. It provides high bandwidth and is great for use in buildings like offices and homes.

Characteristics:

- Bow tie type cross-section design, LSZH or PVC jacket protection.
- Two parallel FRP or galvanized steel wire reinforcement to protect the fiber and provide adequate tension and pressure.
- Rolex flex fiber is designed to provide greater bandwidth and improve network transmission.
- Easily peeled off, light weight, small size, unique groove design, easy to follow the installation and maintenance.



Applications:

- Room indoor wiring
- FTTH optical home. User terminal
- Wiring systems in shafts and buildings

Standard:

- ICEA-596, GR-409,YD/T1997-2009

Ordering Information:

- Fiber count: 1~4cores
- Fiber type in details

For example: GJXFH 2cores SM/ G657A1

Transportation/storage/usage temperature:

- -40°C to +70°C

Specifications:

P/N	Fiber Count	Outer diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
				Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GJXH/GJXFH	1	3.0*2.0mm	11	100	200	1000	2000	20D	40D
GJXH/GJXFH	2	3.0*2.0mm	11	100	200	1000	2000	20D	40D
GJXH/GJXFH	3	3.0*2.0mm	11	100	200	1000	2000	20D	40D
GJXH/GJXFH	4	3.0*2.0mm	11	100	200	1000	2000	20D	40D

12 Core of Bare Fibers:



GJFJV- Indoor Multi-Cores Cable

GJFJV Indoor Multi-Cores Cable is used for indoor fiber optic installations. It has multiple fibers, each with a tight buffer and surrounded by strong aramid yarns. The cable is covered with a flame-retardant PVC or LSZH sheath, making it safe for indoor use. It offers high strength and stable transmission, ensuring reliable communication. The design makes it easy to strip, splice, and install. It's suitable for buildings like offices and homes, and ideal for making patch cords and pigtails.

Characteristics:

- It's soft with small bending ratio, and easily to be stripped
- High strength aramid yarn offers high tensile strength
- Flame- retardant
- It's available under high and low temperatures

Applications:

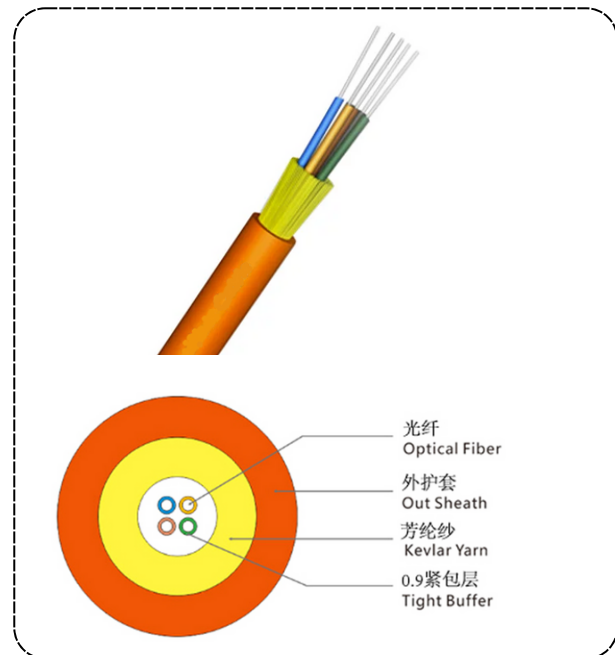
- Indoor pipe wiring systems
- Patch cords and pigtails
- Connecting for indoor equipments

Standard:

- ICEA-596, GR-409,YD/T1997-2009

Temperatures:

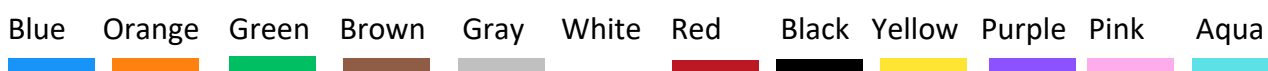
- PVC:A: - 20°C~ + 70°C B: - 20°C~ + 90°C
- Hytrel: - 40°C~ + 120°C
- LSZH: - 20°C~ + 70°C
- Nylon: - 40°C~ + 120°C



Specifications:

P/N	Fiber Count	Outer diameter (mm)	Weight (kg/km)	Max. Tension N		Max. Crush resistance N/100mm		Bending radius mm	
				Long Term	Short Term	Long Term	Short Term	Dynamic	Static
GJFJV	2	4.1+-0.25	12.4	200	660	300	1000	20D	10D
GJFJV	4	4.8+-0.25	16.2	200	660	300	1000	20D	10D
GJFJV	6	5.1+-0.25	20.0	200	660	300	1000	20D	10D
GJFJV	8	5.6+-0.25	26.0	200	660	300	1000	20D	10D
GJFJV	10	5.8+-0.25	28.0	200	660	300	1000	20D	10D
GJFJV	12	6.2+-0.25	31.5	200	660	300	1000	20D	10D

12 Core of Bare Fibers:



Fiber Patch Cord

- ▶ Insertion loss compatible with IEC 61300-3-4
- ▶ Return loss compatible with IEC 61300-3-6
- ▶ 100% Performance testing
- ▶ Available types: 9/125μm, 50/125μm, 62.5/125μm, OM3
- ▶ Counterpart connectors for YoungSky patch cords: ST, SC, FC, LC



GUIDE INFORMATION

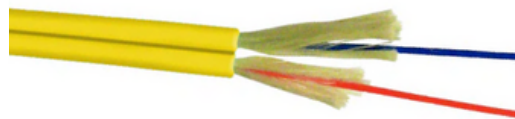
Step 1: Cable

How to choose the suitable cable? For example: In data central room for interior wiring, the indoor simplex cable is best choice. In the corrido or residence, we need strong cable with rat-bite protected cable, so spiral armored cable is best choice. In the FTTH project ,indoor manhole, pipeline, and outdoor aerial for short length. FTTH Drop cable is best choice

Indoor simplex cable



Indoor Duplex cable



Indoor multi fiber breakout cable



Indoor multifiber distribution cable



Indoor multi-fiber mini cable



FTTH Drop cable

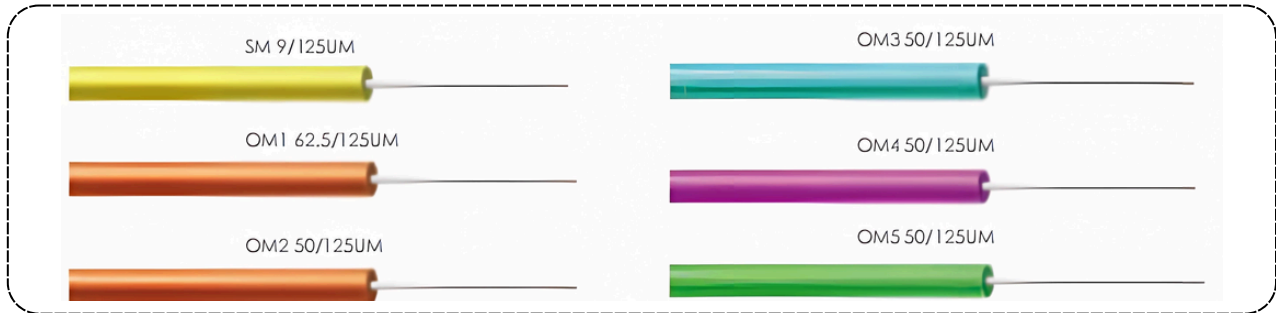


Armored cable



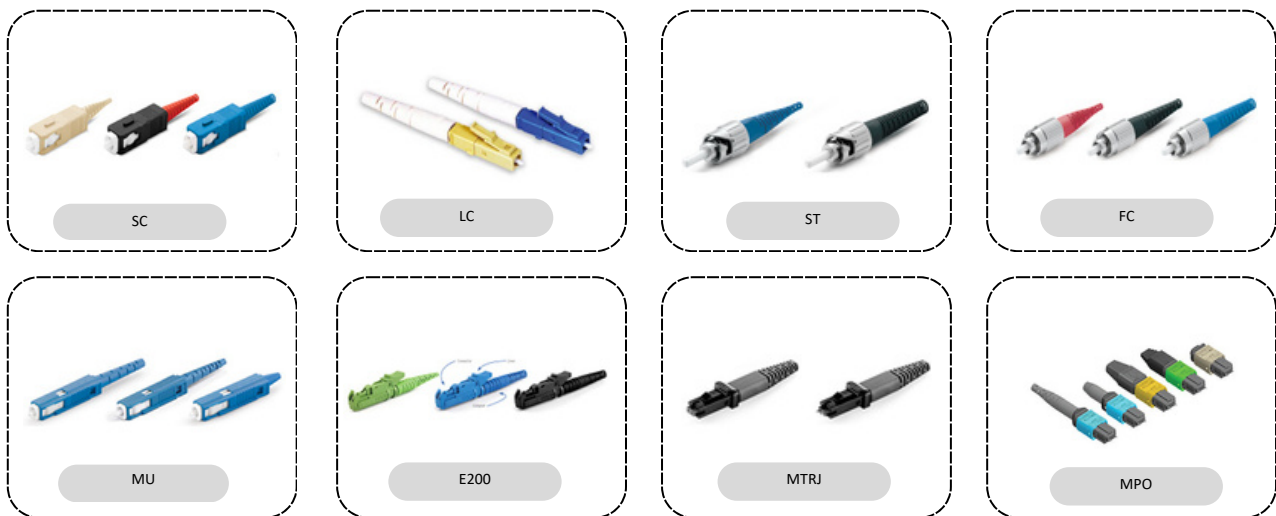
Step 2: Fiber Type

How to choose suitable fiber? For example: If the wavelengths are 1310/1490/1550nm, the SM 9/125um fiber is best choice. If 850nm with 1Gps, the OM1 or OM2 are available. If 850nm with 10Gps, the OM3-150, OM3-300, OM4-550 or OM5-500 are optional.



Step 3: Connector

How to choose the suitable connector? It depends on the equipment port. For example: In the media converter with SC Port, we have to use SC connector. Connecting SFP Module, we have to use LC Connector, For outdoor waterproof terminal, we have to choose waterproof connector, such as ODC, ODVA...etc



Step 4: Length

How to choose the length? It depends on the distance of two connecting points.

Step 5: Packing

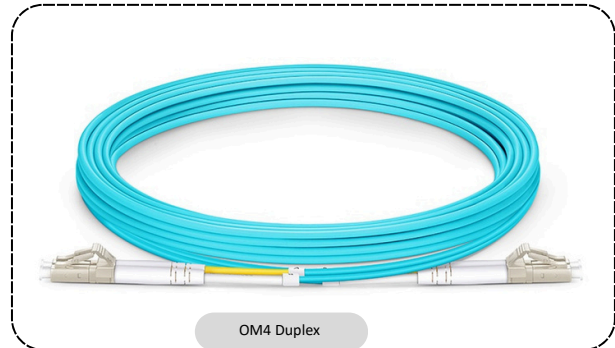
You can choose fiber standard packing, or your specified packing. Such as, cable printing, label design, packing.

Indoor Fiber Optic Patch Cord

Indoor Fiber Optic Patch Cords are essential components in modern networking. These cables are designed specifically for use within buildings and data centers. They connect various optical devices such as routers, switches, and servers, ensuring seamless data transmission.

Characteristics:

- 100% optically tested(insertion loss)
- Perfect random mating performance
- Customized length
- Various connector type available
- Singlemode and multimode (OM1,OM2,OM3, OM4, OM5) are available
- Environmental stable



OM4 Duplex

Applications:

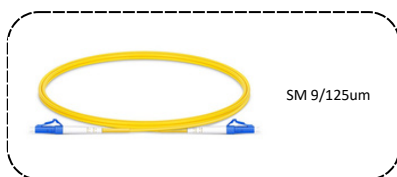
- Telecommunication network
- CATV system
- Local Area Network & Active/Passive device
- FTTH and FTTx
- Data Center & Enterprise

Features:

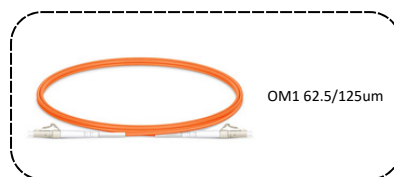
- Low Insert Loss & High Return Loss
- Compact Andante-pull Design, Corrosion Resistant Body
- High Reliability & Easy Installation
- Simplex and Duplex for Standard

Specifications:

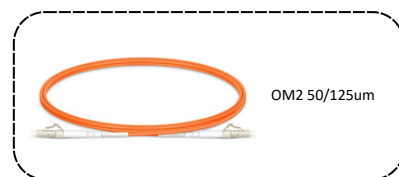
Type	SM			MM
	PC	UPC	APC	/
Insertion Loss	≤0.30dB	≤0.30dB	≤0.30dB	≤0.20dB
Return Loss	>45dB	>50dB	>60dB	>45dB
Repeatability	≤0.2dB			
Exchangeability	≤0.2dB			
Resistance(>1000times)	≤0.2dB			
Industry Standard	ROHS、IEC、GR-326			
OperatingTemperature	-40°C~+85°C			
StorageTemperature	-40°C~+85°C			



SM 9/125um



OM1 62.5/125um



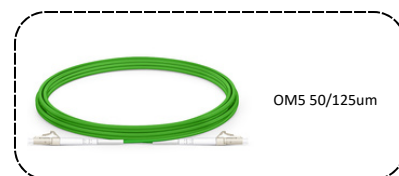
OM2 50/125um



OM3 50/125um



OM4 50/125um



OM5 50/125um



MPO/MTP Trunk Patch Cord

MPO Trunk patch cords are high-performance fiber optic cables designed for data centers and network environments. Featuring multifiber termini, they support high-density connections, enabling efficient data transfer. MPO cords simplify network management, enhance bandwidth capacity, and are ideal for applications like 40G/100G networking. Usually, the common cables are round type, and fiber counts are 12/24/36/48/72/144 cores.

Characteristics:

- 100% optically tested(insertion loss)
- Configured for various connection needs
- Customized length
- Singlemode and multimode (OM3, OM4) are available
- Built to withstand repeated use and last long

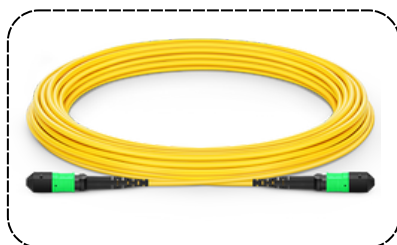
Features:

- High Bandwidth: Supports fast data rates for 40G and 100G networks
- Easy Installation: Quick to set up in data centers
- Color-Coded: Helps identify fiber types easily
- Custom Lengths: Available in various lengths to reduce clutter

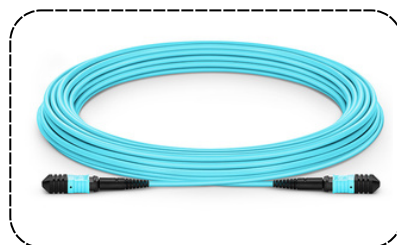
Applications:

- Telecommunication network
- Cloud Computing
- High-Speed Networking
- FTTH and FTTx
- Data Center & Enterprise

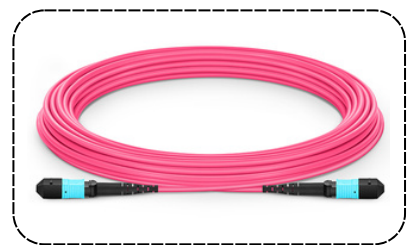
8/12/24 cores MPO-MPO Patch Cord :



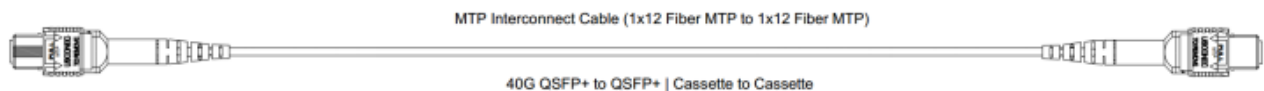
SM Type



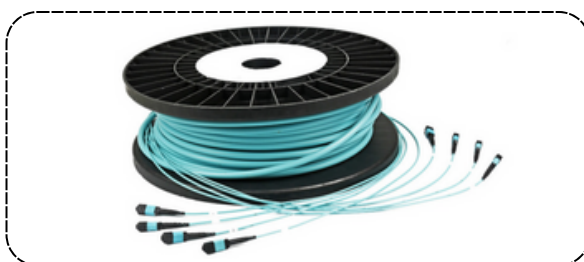
OM3 Type



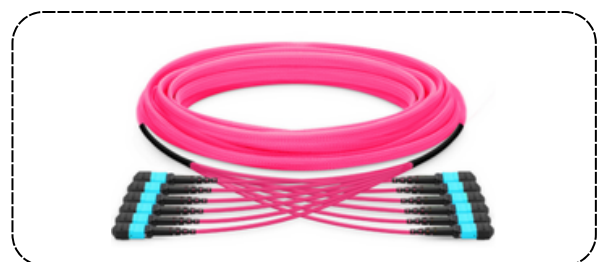
OM4 Type



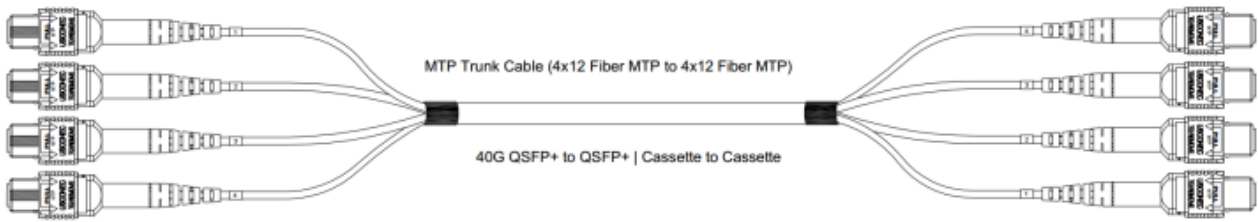
48/72/144 cores MPO-MPO Patch Cord :



4*MPO-4*MPO 48-96 cores patch cord



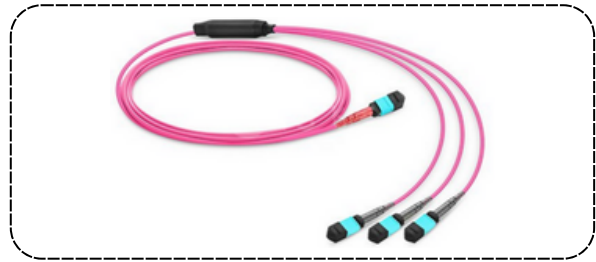
6*MPO-6*MPO 72-144 cores patch cord



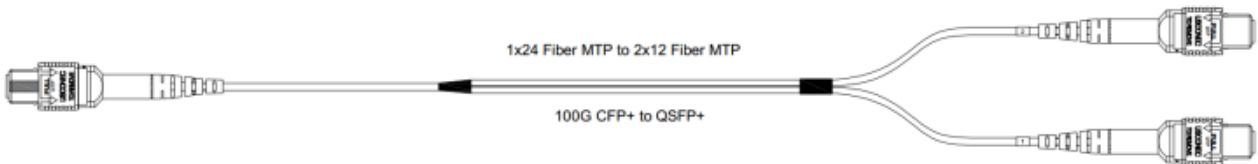
MPO - N*MPO fanout Patch Cord:



MPO-2* MPO fanout Patch Cord



MPO-3* MPO fanout Patch Cord



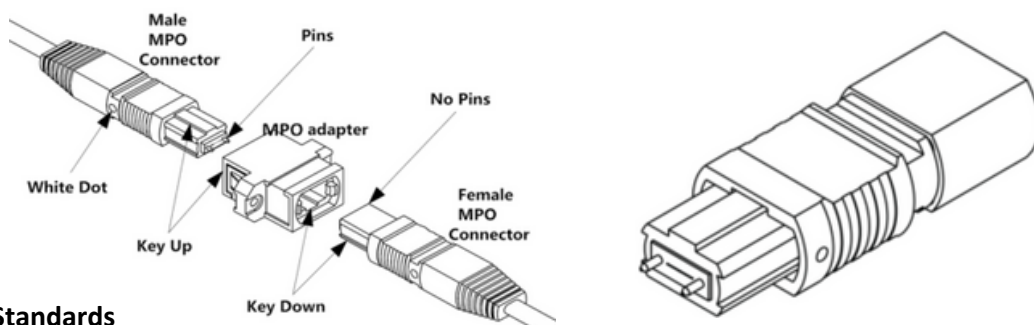
Introduction to MPO Trunk Cable Patch Cord Polarity

In fiber optic systems, polarity refers to the proper alignment between the transmitting (TX) and receiving (RX) ends of a link, typically requiring two fibers. While traditional connectors like LC and SC are straightforward in terms of polarity, high-density systems using MTP/MPO connectors introduce complexity.

MPO Keying and Polarity Assessment

MPO connectors have a protruding KEY that fits into a corresponding slot in the MPO adapter. Standard MPO adapters feature opposite "reverse KEY" slots, meaning the KEYS will face opposite directions—one up and one down—when connected.

The orientation of the KEY is crucial for assessing polarity in MPO trunk patch cords.

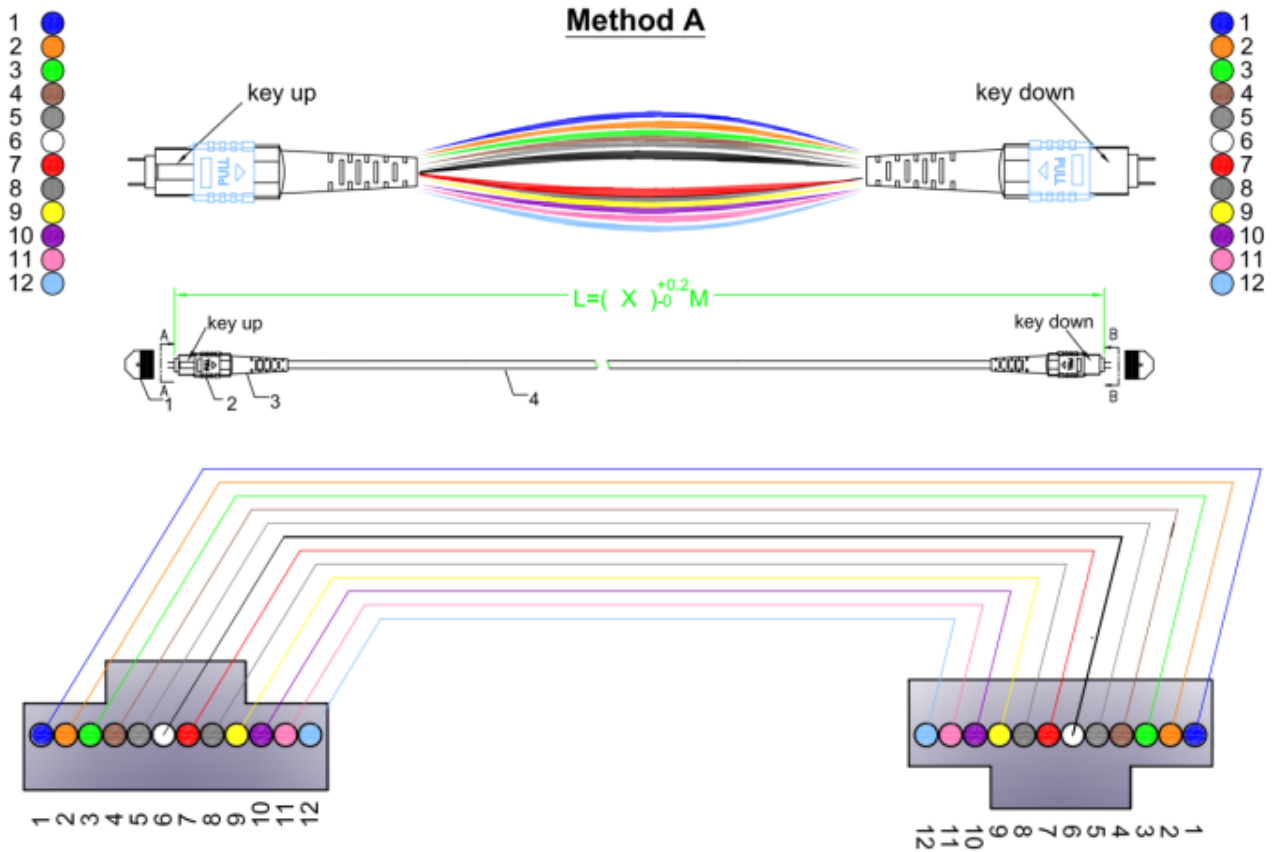


Polarity Standards

Three methods define MPO polarity:

1. Type A: Key up to key down (straight-through type).
2. Type B: Key up to key up, key down to key down (crossed type).
3. Type C: Key up to key down in pairs.

Type A (Key Up - Key Down - Straight-Through Type)

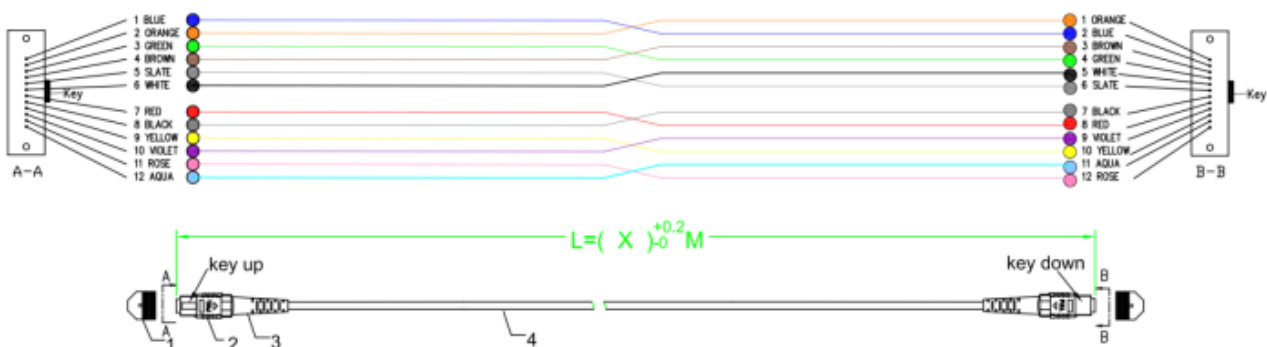


Type B (Key up to key up or key down to key down - crossed type)



Type C (Key up to key down in pairs)

Method C



Armored Fiber Optic Patch Cord

This optical cable, protected by a micro stainless steel pipe, offers high compressive resistance, tensile strength, anti-rat bite protection, small diameter, and flexibility. It's ideal for harsh environments and widely used in optical fiber temperature sensor systems. It can be matched with standard 3.0mm connectors and serves as an easy solution for connecting optical fibers to table boards.

Characteristics:

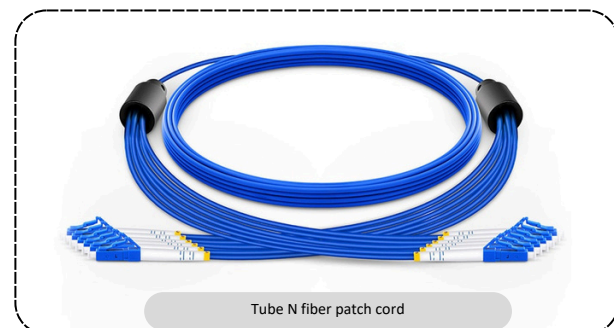
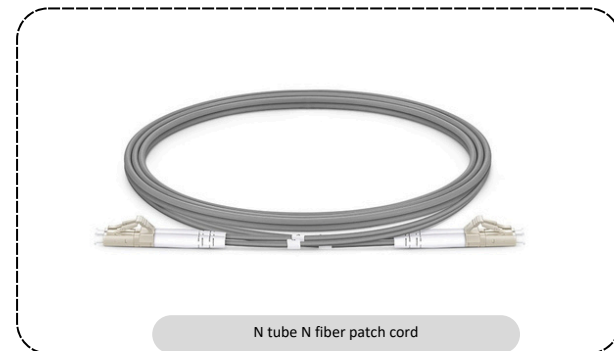
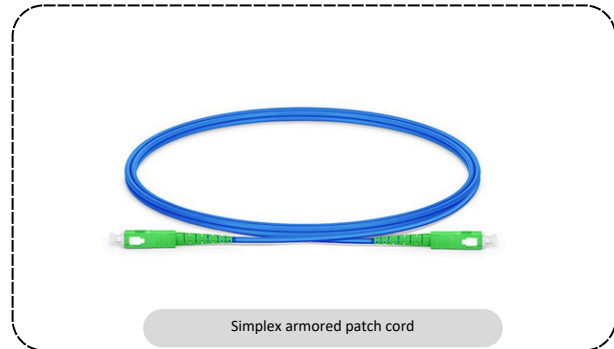
- According to cable structure, there are single armored and double armored types
- According to the fiber cores.it's classified by simplex,1tube N fiber,N tube N fiber
- Jacket with PVC, LSZH, TPU,Teflon,silicone tube
- Various connector type available
- Can be installed in the most hazardous areas.
- Build-in metal armor can provide stronger protection

Applications:

- Optical Fiber to Home FTTH
- Optical Fiber CATV
- Optical Fiber Communication System
- Optical Fiber of National Defense Combat Readiness

Features:

- High Return Loss, Low Insert Loss
- High Compressive Resistance, High Tensile Strength
- Widely Used for Various Bad Environments
- Comply with Telcordia GR-326-CORE,ICE



Specifications:

Type	SM			MM
	PC	UPC	APC	/
Insertion Loss	≤0.30dB	≤0.30dB	≤0.30dB	≤0.20dB
Return Loss	>45dB	>50dB	>60dB	>45dB
Repeatability	≤0.2dB			
Exchangeability	≤0.2dB			
Resistance(>1000times)	≤0.2dB			
Industry Standard	ROHS、IEC、GR-326			
OperatingTemperature	-40°C~+85°C			
StorageTemperature	-40°C~+85°C			



FTTH Drop Cable Patch Cord

The FTTH Drop Patch Cord, also known as a pre-terminated bow drop cable, is specifically designed for FTTH (Fiber to the Home) projects. At the core of the cable lies the optical communication unit, flanked by two parallel, non-metallic enhanced FRP/Metal/KFRP strength members. These components are encased in a LSZH or PVC jacket, providing robust tension and compressive resistance.

Characteristics:

- According to cable structure, there are Indoor non-self support & Outdoor self-support
- Available in various lengths to suit different needs
- Pre-terminated connectors at both ends for quick and easy setup
- Built to withstand tension and compression with PVC or LSZH jackets.

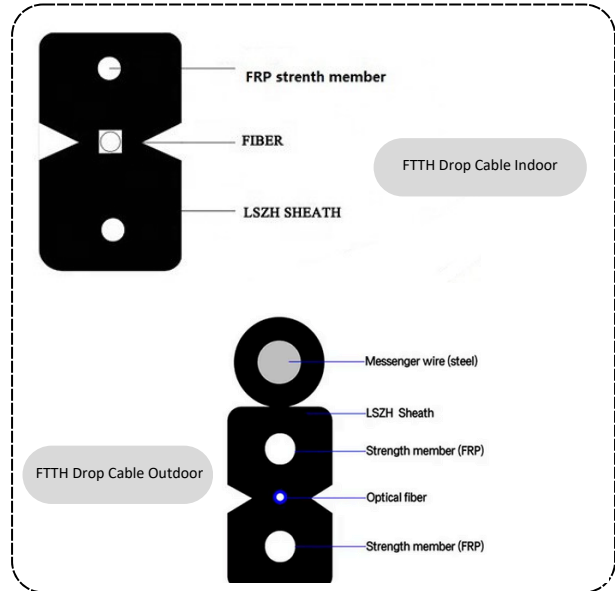
Applications:

- Access terminals and drops
- Fiber to The Home
- Manhole
- Building wiring

Features:

- High Return Loss, Low Insert Loss
- High Compressive Resistance, High Tensile Strength
- Widely Used for Various Environments
- Comply with Telcordia GR-326-CORE, ICE

Specifications:



Type	SM			MM
	PC	UPC	APC	/
Connector	SC, LC, FC, MTRJ, E2000			
Insertion Loss	≤0.30dB	≤0.30dB	≤0.30dB	≤0.20dB
Return Loss	>45dB	>50dB	>60dB	>35dB
Repeatability	≤0.2dB			
Exchangeability	≤0.2dB			
Resistance(>1000times)	≤0.2dB			
Industry Standard	ROHS, IEC, GR-326			
OperatingTemperature	-40°C~+85°C			
StorageTemperature	-40°C~+85°C			



Standard Multicore Bundle Distribution Patch Cord

The Indoor Multi-Fiber Bundle Distribution Cable is an affordable, pre-assembled cable designed for indoor connections between transmission equipment and patch panels. It features a jacket with industry-standard flammability ratings and connectors that meet EIA/TIA 604-2 standards for high-speed networks.

Characteristics:

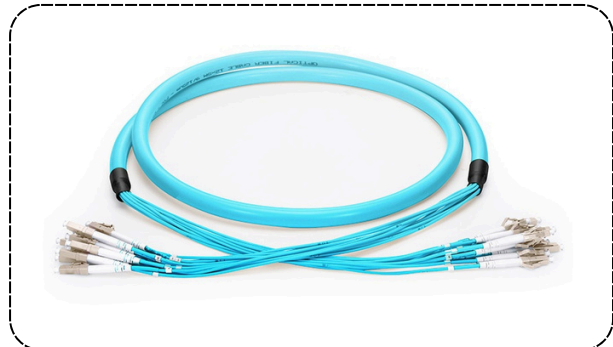
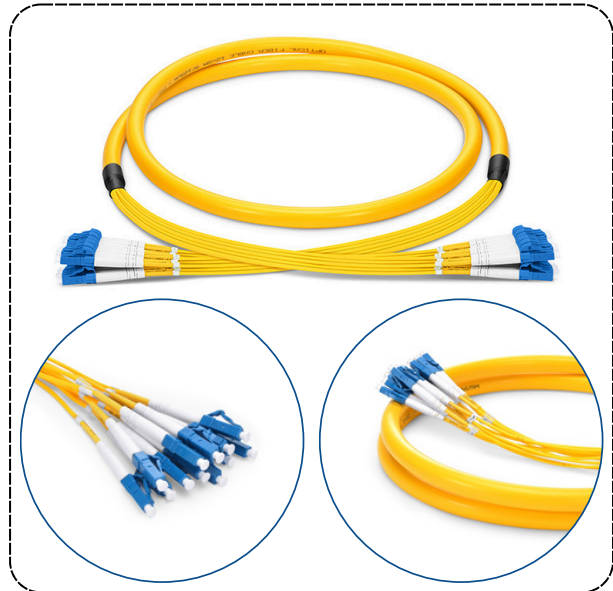
- G.657.A1 Bend Insensitive Fiber & 10mm Min. Bend Radius
- Optical Testing Ensures Network Performance
- The Connector Meets EIA/TIA 604-2 for High Speed Cabling Networks
- Indoor Connection Between Transmission Equipment and Patch Panels

Applications:

- Data transmission & Telecommunication
- Testing equipment
- Optical fiber CATV & WBN
- LAN indoor/outdoor

Features:

- PC UPC APC polishing optional
- High credibility and stability
- Low insertion loss, high return loss
- 400X microscope inspecting.
- Good in repeatability and exchangeability
- Singlemode or Multimode fiber optional



Specifications:

Type	SM			MM
	PC	UPC	APC	/
Connector	SC, LC, FC, MTRJ, E2000			
Insertion Loss	≤0.30dB	≤0.30dB	≤0.30dB	≤0.20dB
Return Loss	>45dB	>50dB	>60dB	>35dB
Repeatability	≤0.2dB			
Exchangeability	≤0.2dB			
Resistance(>1000times)	≤0.2dB			
Industry Standard	ROHS, IEC, GR-326			
OperatingTemperature	-40°C~+85°C			
StorageTemperature	-40°C~+85°C			



Fiber Patch Cord Order Information:

Model		FPC=Normal Fiber Patch Cord	APC=Armored Fiber Patch Cord	FTTH= FTTH Fiber Patch Cord	BPC=Bundle Distribution Fiber Patch Cord	FPI=Fiber Pigtail
Connector A		FC,SC,LC,ST,MU,DIN,D4.E2000.MTRJ...	FC,SC,LC,ST,MU,DIN,D4.E2000MTRJ...	SC/UPC, SC/APC, FC/UPC, FC/APC	FC,SC,LC,ST,MU,DIN,D4.E2000.MTRJ...	FC,SC,LC,ST,MU,DIN,D4.E2000.MTRJ...
Connector B		FC,SC,LC,ST,MU,DIN,D4.E2000.MTRJ...	FC,SC,LC,ST,MU,DIN,D4.E2000MTRJ...	SC/UPC, SC/APC, FC/UPC, FC/APC	FC,SC,LC,ST,MU,DIN,D4.E2000.MTRJ...	
Fiber Model	SM	G652D. G657A1. G657A2. G657B3. G655	G652D. G657A1. G657A2. G657B3. G655	G652D. G657A1. G657A2. G657B3. G655	G652D. G657A1. G657A2. G657B3. G655	G652D. G657A1. G657A2. G657B3. G655
	MM	OM1. OM2. OM3-150. OM3-300. OM4-550. OM5	OM1. OM2. OM3-150. OM3-300. OM4-550. OM5		OM1. OM2. OM3-150. OM3-300. OM4-550. OM5	OM1. OM2. OM3-150. OM3-300. OM4-550. OM5
Fiber Type			Armored Cable with simplex, 1 tube N fibers, N tube N fibers	Indoor non-self support, Outdoor self-support		
Strength member		China aramid yarn, Dupont Kelvar yarn	Kevlar + armored tube; Braid + armored tube; Kevlar + braid + armored tube	0.45mm steel wire; 0.45mm FRP; 1.0mm steel wire	Breakout length: customized (Normally ≤1m); Breakout diameter: Normally Φ0.9mm; Φ2.0mm; Φ3.0mm	
OD		Φ0.9mm.Φ2.0mm.Φ3.0mm	3.0; 4.0; 5.0; 6.0		Φ0.9mm.Φ2.0mm.Φ3.0mm	
Outer Jacket		PVC, LSZH, OFNP, OFNR, PE, TPU	PVC, LSZH, OFNP, OFNR	PVC, LSZH, OFNP, OFNR	PVC, LSZH, OFNP, OFNR, PE, TPU	
Core Number		Simplex; Duplex; Multi-core (customized)	Simplex; Duplex; Multi-core (customized)	Simplex; Duplex; Multi-core (customized)	4core; 6core; 8core... (customized)	
Color		Yellow, Orange, Blue, Purple, Arque, Green...	Blue, Gray,	Black/ White		
Length		1.2.3.5.10... (customized)				

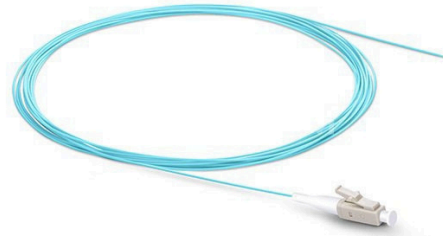


Standard Fiber Optic Pigtail

Fiber optic pigtails provide a fast way to make communication devices in the field. They are designed, manufactured and tested according to protocol and performance dictated by the industrial standards, which will meet your most stringent mechanical and performance specifications.

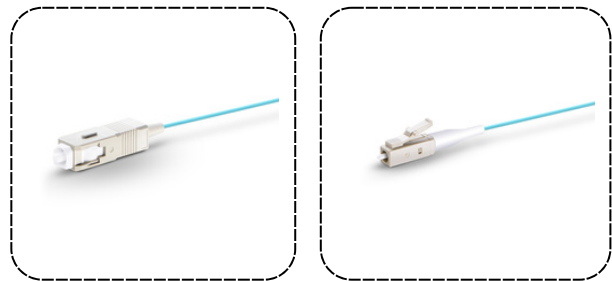
Characteristics:

- Classified by connectors, there are FC, SC, LC, ST, DIN, D4, MU...etc
- Classified by fiber model, there are SM, OM1, OM2, OM3, OM4 Pigtails



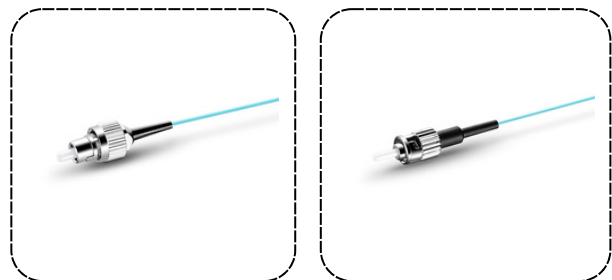
Applications:

- Fiber to The Home (FTTH)
- ODF Fiber Optic Distribution Frame (ODF)
- Local Area Networks, Wide Area Network, Cable TV
- Telecommunication Network
- Testing Instrument, Active Device Connection



Features:

- High Optical Performance: Premium zirconia ferrules and composite hardware
- Durable: Tough, corrosion-resistant, maintains shape
- Flexible: Abrasion-resistant, ideal for indoor
- Fast Transmission: Ensures stable and quick network performance



Specifications:

Type	SM			MM
	PC	UPC	APC	/
Connector	SC, LC, FC, MTRJ, E2000			
Insertion Loss	≤0.30dB	≤0.30dB	≤0.30dB	≤0.20dB
Return Loss	>45dB	>50dB	>60dB	>35dB
Repeatability	≤0.2dB			
Exchangeability	≤0.2dB			
Resistance(>1000times)	≤0.2dB			
Industry Standard	ROHS, IEC, GR-326			
Operating Temperature	-40°C~+85°C			
Storage Temperature	-40°C~+85°C			

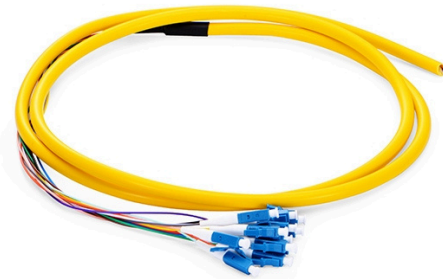


Bundle Fiber Optic Pigtail

The Bundle Pigtail is a fiber optic cable with multiple fibers, each terminated with a connector. It's ideal for high-density applications, offers versatile connectors (LC, SC, ST), ensures high performance with low insertion loss, and is designed for durability. It commonly used in fiber optic management equipment such as ODFs (Optical Distribution Frames), fiber terminal boxes, and distribution boxes.

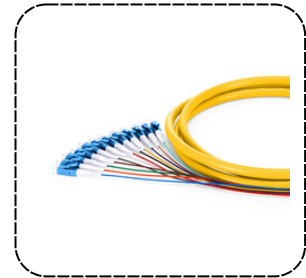
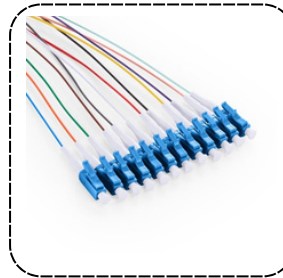
Characteristics:

- Classified by connectors, there are FC, SC, LC, ST, DIN, D4, MU...etc
- Classified by fiber model, there are SM, OM1, OM2, OM3, OM4 Pigtails



Applications:

- Testing Equipment, Active Device Connection
- Optical Fiber to Home FTTH
- CATV Optical Fiber CATV
- Optical Fiber Communication System
- Telecommunication Network



Features:

- Connect with Outdoor Cables and Trays inside patch panel
- Slim Design Minimizes Storage Space
- 4 Cores, 8 Cores, 12 Cores and Multi-cores
- Comply with Telcordia GR-326-CORE, ICE



Specifications:

Type	SM			MM
	PC	UPC	APC	/
Connector	SC, LC, FC, MTRJ, E2000			
Insertion Loss	≤0.30dB	≤0.30dB	≤0.30dB	≤0.20dB
Return Loss	>45dB	>50dB	>60dB	>35dB
Repeatability	≤0.2dB			
Exchangeability	≤0.2dB			
Resistance(>1000times)	≤0.2dB			
Industry Standard	ROHS, IEC, GR-326			
Operating Temperature	-40°C~+85°C			
Storage Temperature	-40°C~+85°C			



Ribbon Fanout Fiber Optic Pigtail

The Ribbon Fanout Fiber Optic Pigtail is a fiber optic cable with multiple fibers in a ribbon format, each with a connector. It's ideal for high-density applications, supports various connectors (LC, SC, ST), allows efficient mass fusion splicing, and is built for durability.

Characteristics:

- OEM order available
- High temperature stability
- Excellent mechanical endurance
- Excellent polished and 100% tested
- Low insertion loss and high return loss



Applications:

- Testing Equipment, Active Device Connection
- Optical Fiber to Home FTTH
- CATV Optical Fiber CATV
- Optical Fiber Communication System
- Telecommunication Network

Features:

- Connect with Outdoor Cables and Trays inside patch panel
- Slim Design Minimizes Storage Space
- 4 Cores, 8 Cores, 12 Cores and Multi-cores
- Comply with Telcordia GR-326-CORE, ICE standard

Specifications:

Type	SM			MM
	PC	UPC	APC	/
Connector	SC, LC, FC, MTRJ, E2000			
Insertion Loss	≤0.30dB	≤0.30dB	≤0.30dB	≤0.20dB
Return Loss	>45dB	>50dB	>60dB	>35dB
Repeatability	≤0.2dB			
Exchangeability	≤0.2dB			
Resistance(>1000times)	≤0.2dB			
Industry Standard	ROHS, IEC, GR-326			
Operating Temperature	-40°C~+85°C			
Storage Temperature	-40°C~+85°C			



Waterproof Fiber Optic Pigtail

The waterproof pigtail is used to connect backbone optical cable lines to optical receivers. It features high-quality connectors and premium waterproof cables with corrosion-resistant components. Primarily used for outdoor optical terminal access, it is highly adaptable to various environments. One end has an optical connector with a durable waterproof joint. It is easy to install, reliable, and can withstand harsh outdoor conditions. It has a long lifespan, good jacket toughness, tensile strength, and excellent grounding. It can be equipped with FC, SC, ST, LC, MU, SMA, and other connectors as per customer requirements.

Characteristics:

- Excellent reliability and stability
- Easy to install and maintenance
- Low insertion loss and high return loss
- Color-coded 2.0mm fiber jackets for easy fiber identification



Applications:

- Interconnect from Outdoor to indoor for Optical Cable Distribution Equipment
- Optical Fiber Communication System
- Telecommunication Network

Features:

- Enhanced Tensile Strength: The stranded non-metallic strength member structure ensures the cable can withstand greater tensile forces
- Highly Durable: Resistant to corrosion, water, and ultraviolet radiation
- Multiple Configurations: Available in simplex, duplex, 4-core, 6-core, and multi-core options
- Standards Compliant: Meets Telcordia GR-326-CORE and ICE standards

Specifications:

Type	SM			MM
	PC	UPC	APC	/
Connector	SC, LC, FC, MTRJ, E2000			
Insertion Loss	≤0.30dB	≤0.30dB	≤0.30dB	≤0.20dB
Return Loss	>45dB	>50dB	>60dB	>35dB
Repeatability	≤0.2dB			
Exchangeability	≤0.2dB			
Resistance(>1000times)	≤0.2dB			
Industry Standard	ROHS, IEC, GR-326			
Operating Temperature	-40°C~+85°C			
Storage Temperature	-40°C~+85°C			



Fast Assembly Optic Connector

The fast assembly optical connector is a new type of optical connector that is gaining popularity in FTTH (Fiber to the Home) systems. This connector can be quickly assembled on-site by simply pushing the fiber to connect with the embedded fiber. No special technical skills, such as gluing, curing, or polishing, are required for the operator to use this connector.

Features:

- SC & FC; UPC & APC are available
- Low insertion loss and high return loss & High reliability, and save maintenance cost
- Pre-embedded fiber is polished in high quality
- Can be reusable with easy disassembly and assembly
- Can work stably in harsh environment, like severe coldness and dust, high temperature, high humidity, etc
- Few special installation tools required, installation is simple and fast, with less than 20 seconds averagely; low technical requirements for the operators

Applications:

- Telecommunication networks
- FTTH, FTTH (Fiber to the Home)
- Fiber testing and testing equipment
- FTTH Drop Cable, 86 socket outlet, and ONU

Components:

No.	Component	Quantity
1	Connector body	1
2	Housing	1
3	Cable Clip	1
4	Length Measurement Tool	1/20
5	Assembling Tool	1/20



Specifications:

Item	Parameter	Item	Parameter
Operating Wavelength	1310nm & 1550nm	Assembling Time	1-2 minutes
Connector Type	SC/UPC	Assembly Repeatability	10 times (IL≤0.3dB, RL≤5dB)
Insertion Loss	≤0.25dB (max. 0.5dB)	Clamping Strength	≥4N
Return Loss	PC≥50dB; APC≥55dB	Tensile Strength	≥30N
Storage Temperature	-40°C~+85°C	Mechanical Durability	500 times (IL≤0.3dB, RL≤5dB)
Operating Temperature	-40°C~+85°C	Temperature Cycle Test	168h, 21 times, 1 (IL≤0.3dB, RL≤5dB)



Fiber Optic Adapter

Fiber optic adapters, or couplers, link or terminate fiber optic cables, maximizing light transmission and minimizing loss. They offer low insertion loss, excellent interchangeability, and high reproducibility. We provide various types, including SC, FC, LC, ST, E2000, MU, MPO, MTRJ, and hybrid adapters (e.g., SC to ST, SC to FC). Each adapter is functionally tested before shipping to ensure quality and performance.

Features:

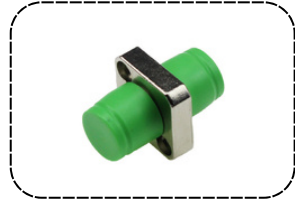
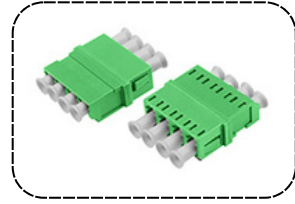
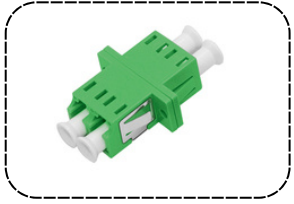
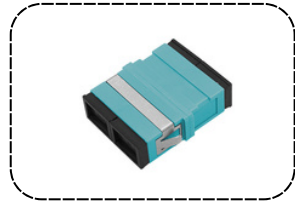
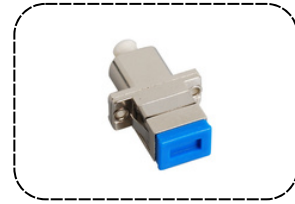
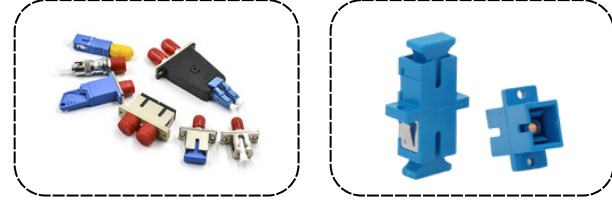
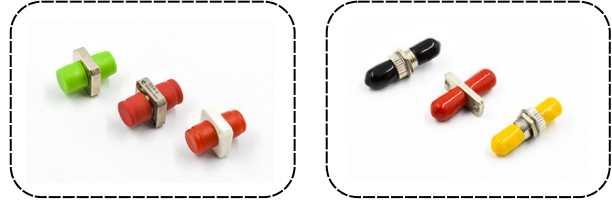
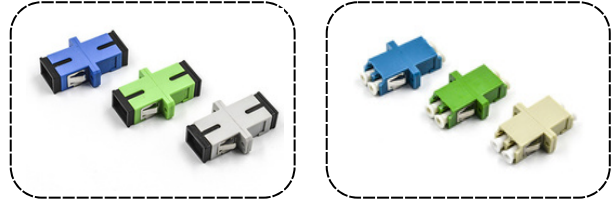
- High precision alignment
- High reliability and stability
- Low insertion loss and high return loss

Applications:

- Cable TV
- Telecommunication networks
- Fiber to the Home

Characters:

- 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



Order Information:

Item	ID-AD
Name	AD: adapter
Connector Type	SC, LC, FC, ST, MTRJ, E2000...
Mode & Housing Color	SM (PC Blue/APC Green), MM(Beige), OM3(Aqua), OM4(Purple), OM5(Lime Green)
Fiber Adapter Type	SI: Simplex; DU: Duplex; Quad: 4cores
Flange	with flange; WO: without flange
Housing Material	M: Metal; None: Plastic



Fiber Optic PLC Splitter

Fiber Optic PLC Splitter is an essential passive component in Fiber to the Home network. The full name of PLC Splitter is Planar Lightwave Circuit Splitter. It adopts silica optical waveguide technology and is used for optical power allocation from central office to customer premises in FTTx and FTTH networks. PLC Splitter offers a cost effective and space saving networking solution in optical transmission system. Variety of port configurations of PLC are available, including 1x2 splitter, 1x4 splitter, 1x8 splitter, 1x16 splitter, 1x32 splitter, 1x64 splitter, etc.

Specifications:

Table 1: Performance for 1xN PLC Splitter

Note: All measurements are done at room temperature without connectors.

Port Configuration	1x2	1x4	1x8	1x16	1x32	1x64
Operating Wavelength	1260nm ~ 1650nm					
Fiber Type	G657A or customized					
Insertion Loss (dB)	3.6-4.0	6.8-7.3	10.0-10.5	13.0-13.7	16.0-16.7	19.5-21.0
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2.0
PDL (dB)	0.2	0.2	0.3	0.3	0.3	0.4
Return Loss	≥55dB					
Directivity (dB)	≥55dB					
Storage Temperature	-40°C~+85°C					
Operating Temperature	-40°C~+85°C					

Specifications:

Table 1: Performance for 2xN PLC Splitter

Note: All measurements are done at room temperature without connectors.

Port Configuration	2x2	2x4	2x8	2x16	2x32	2x64
Operating Wavelength	1260nm ~ 1650nm					
Fiber Type	G657A or customized					
Insertion Loss (dB)	4.0	7.7	11.0	14.1	17.5	21.0
Loss Uniformity (dB)	0.8	0.8	1.5	1.5	2.5	2.5
PDL (dB)	0.2	0.2	0.4	0.4	0.4	0.4
Return Loss	≥55dB					
Directivity (dB)	≥55dB					
Storage Temperature	-40°C~+85°C					
Operating Temperature	-40°C~+85°C					

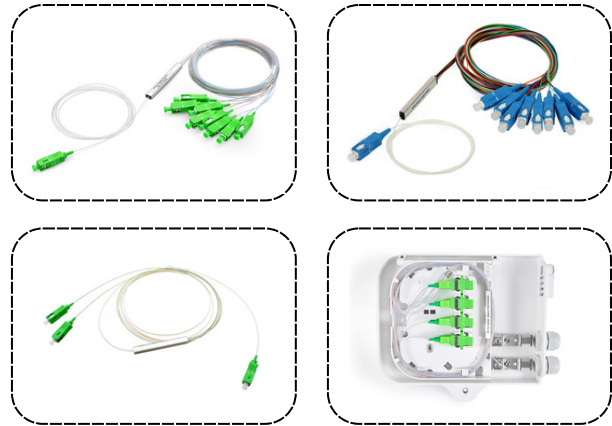


Mini Tube Type PLC Splitter

Mini Tube Type PLC Splitter, called Blockless PLC Splitters, packaged in a stainless steel module is with standard 900um loose tube cable. Mini Blockless Tube Type PLC Splitters as passive optical splitters are widely used for FTTH Passive Optical Network, including EPON (as EPON Splitter) and GPON (as GPON Splitter). It has stronger fiber protection than bare fiber splitter, which is a miniaturization result of cassette splitter. It's mainly used for various connection and distribution boxes or network cabinets.

Features:

- Package Style: Mini Module
- Configuration Type: 1 X N, 2 X N
- Fiber Type: Single Mode
- Connector Type: SC/LC
- Polishing Type: APC/UPC
- Split Ratio: 50/50
- Fiber Diameter: 0.9mm only



Order Information:

For example: ID-PLCMM 1x4 SC/APC 0.9mm 1m

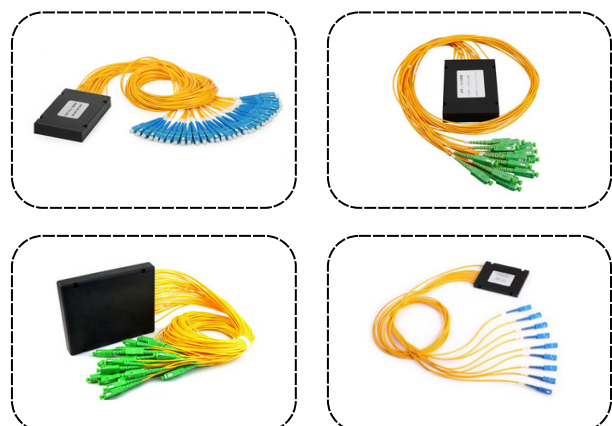
Module	Input/Output Count	Input Connector Type	Input Tube Type	Input Tube Length	Output Connector Type	Output Tube Type	Output Tube Length
MM=Mini Module	1x2	SC/UPC	0.9mm	1.0m	SC/UPC	0.9mm	1.0m
	1x4	SC/APC		1.5m	SC/APC		1.5m
	...	LC/UPC		2.0m	LC/UPC		2.0m
	2x2	LC/APC		...	LC/APC		...
	2x4	FC/UPC			FC/UPC		
		

ABS Type PLC Splitter

The pigtailed ABS Type PLC splitter is primarily utilized to offer comprehensive protection for internal optics and cables. It is especially useful for connecting outdoor optical distribution boxes or network cabinets. This setup aids in organizing and maintaining optical fiber connections, thereby improving overall work efficiency.

Features:

- Package Style: ABS Module
- Configuration Type: 1 X N, 2 X N
- Fiber Type: Single Mode
- Connector Type: SC/LC, FC/ST
- Polishing Type: APC/UPC
- Split Ratio: 50/50
- Fiber Diameter: 0.9mm, 2.0mm, 3.0mm



Order Information:

For example: ID-PLCAB 1x4 SC/APC 0.9mm 1m

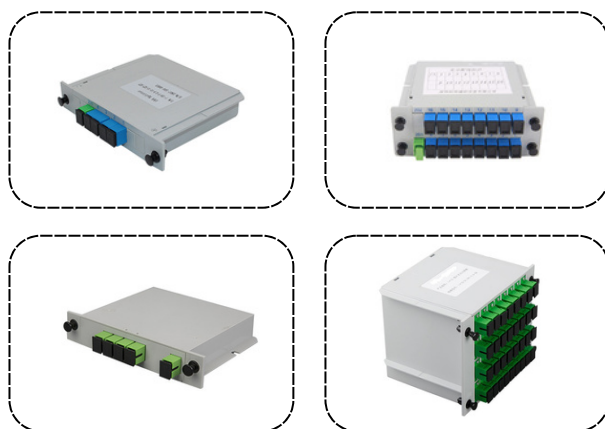
Module	Input/Output Count	Input Connector Type	Input Tube Type	Input Tube Length	Output Connector Type	Output Tube Type	Output Tube Length
AB=ABS module	1x2	SC/UPC	0.9mm	1.0m	SC/UPC	0.9mm	1.0m
	1x4	SC/APC	2.0mm	1.5m	SC/APC	2.0mm	1.5m
	...	LC/UPC	3.0mm	2.0m	LC/UPC	3.0mm	2.0m
	2x2	LC/APC		...	LC/APC		...
	2x4	FC/UPC			FC/UPC		
		

Insertion Type PLC Splitter

Insertion Type PLC Splitters is packaged in a standard size module, installed in Optical Splitter Box or Fiber Distribution Hub. Insertion Module PLC Splitters as passive optical splitters are widely used for FTTH Passive Optical Network, including EPON (as EPON Splitter) and GPON (as GPON Splitter)

Features:

- Package Style: Mini Plug-in
- Configuration Type: 1 X N
- Fiber Type: Single Mode
- Connector Type: SC/LC
- Polishing Type: APC/UPC
- Split Ratio: 50/50
- Fiber Diameter: 0.9mm



Order Information:

For example: ID-PLCIN 1x4 SC/APC 0.9mm 1m

Module	Input/Output Count	Input Connector Type	Input Tube Type	Input Tube Length	Output Connector Type	Output Tube Type	Output Tube Length
IN=Insertion module	1x2	SC/UPC	0.9mm	1.0m	SC/UPC	0.9mm	1.0m
	1x4	SC/APC		1.5m	SC/APC		1.5m
	...	LC/UPC		2.0m	LC/UPC		2.0m
	2x2	LC/APC		...	LC/APC		...
	2x4	FC/UPC			FC/UPC		
		

Order Information:

For example: ID-PLCAB 1x4 SC/APC 0.9mm 1m

Module	Input/Output Count	Input Connector Type	Input Tube Type	Input Tube Length	Output Connector Type	Output Tube Type	Output Tube Length
AB=ABS module	1x2	SC/UPC	0.9mm	1.0m	SC/UPC	0.9mm	1.0m
	1x4	SC/APC	2.0mm	1.5m	SC/APC	2.0mm	1.5m
	...	LC/UPC	3.0mm	2.0m	LC/UPC	3.0mm	2.0m
	2x2	LC/APC		...	LC/APC		...
	2x4	FC/UPC			FC/UPC		
		

Rack Mount Type PLC Splitter

Rack Mount PLC Splitters is packaged in a 19 inch rack mount panel. Rack Mounted PLC Splitters as passive optical splitters are widely used for FTTH Passive Optical Network, including EPON (as EPON Splitter) and GPON (as GPON Splitter) .

Features:

- Package Style: Rack Mount
- Configuration Type: 1 X N, 2 X N
- Fiber Type: Single Mode
- Connector Type: SC/LC
- Polishing Type: APC/UPC
- Split Ratio: 50/50
- Fiber Diameter: 2.0mm



Order Information:

For example: ID-PLCRM 1x4 SC/APC 0.9mm 1m

Module	Input/Output Count	Input Connector Type	Input Tube Type	Input Tube Length	Output Connector Type	Output Tube Type	Output Tube Length
RM=Rack Mount module	1x2	SC/UPC	2.0mm	1.0m	SC/UPC	2.0mm	1.0m
	1x4	SC/APC		1.5m	SC/APC		1.5m
	...	LC/UPC		2.0m	LC/UPC		2.0m
	2x2	LC/APC		...	LC/APC		...
	2x4	FC/UPC			FC/UPC		
		



Fiber Optic Distribution Box

The fiber distribution box connects fiber to optical devices via patch cables and serves as a distribution box in FTTH/FTTB applications. Weatherproof for indoor/outdoor use, it features a compact, lightweight design. Supports SC/LC ports, easy to manage, and can accommodate PLC splitters. OEM services available.

2core,4core,6core Distribution Box, Connector Type		
Part No.	ID-FDB-001	2core
	ID-FDB-002	4core
	ID-FDB-003	6core
Material	ABS	
Dimension	210*135*40mm	
Qty/CTN	50pcs/carton	



8core Distribution Box, Connector Type	
Part No.	ID-FDB-004
Material	ABS
Dimension	210*170*45mm
Qty/CTN	50pcs/carton



16core,24core Distribution Box		
Part No.	ID-FDB-005	16core, NAP connector type
	ID-FDB-006	16core, NAP splitter type
	ID-FDB-007	24core, connector type
Material	ABS	
Dimension	290*180*100mm	
Qty/CTN	10pcs/carton	



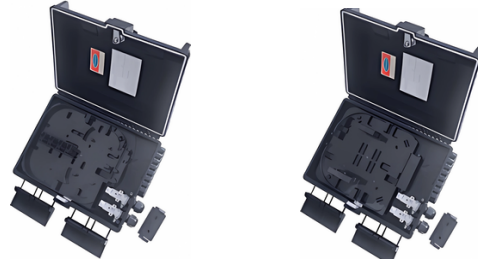
8core Sealed Distribution Box		
Part No.	ID-FDB-008	connector type
	ID-FDB-009	splitter type
Material	ABS	
Dimension	240*200*50mm	
Qty/CTN	20pcs/carton	



8core Distribution Box		
Part No.	ID-FDB-010	connector type
	ID-FDB-011	splitter type
Material	ABS	
Dimension	240*200*50mm	
Qty/CTN	20pcs/carton	



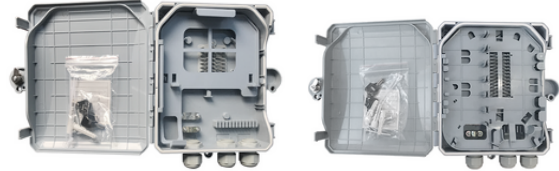
16core, Distribution Box		
Part No.	ID-FDB-012	connector type
	ID-FDB-013	splitter type
	ID-FDB-014	sealed splitter type
	ID-FDB-015	sealed connector type
Material	ABS	
Dimension	310*245*120mm	
Qty/CTN	10pcs/carton	



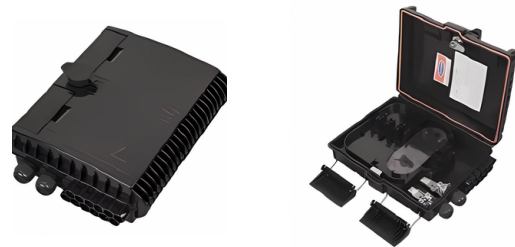
16core Distribution Box		
Part No.	ID-FDB-016	connector type(empty)
	ID-FDB-017	splitter type (empty)
Material	ABS	
Dimension	315*260*100mm	
Qty/CTN	10pcs/carton	



8core, 12core Distribution Box		
Part No.	ID-FDB-018	8core splitter type
	ID-FDB-019	12core connector type
Material	ABS	
Dimension	270*210*90mm	
Qty/CTN	20pcs/carton	



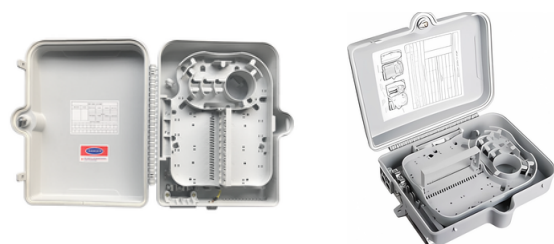
8core, 12core Distribution Box		
Part No.	ID-FDB-020	8core splitter type
	ID-FDB-021	12core connector type
Material	ABS	
Dimension	270*210*90mm	
Qty/CTN	20pcs/carton	



16core Distribution Box		
Part No.	ID-FDB-022	sealed connector type
	ID-FDB-023	sealed splitter type
Material	ABS	
Dimension	290*260*100mm	
Qty/CTN	10pcs/carton	



16core, 24core Distribution Box		
Part No.	ID-FDB-024	24core sealed connector type
	ID-FDB-025	16core sealed splitter type
Material	ABS	
Dimension	320*270*100mm	
Qty/CTN	10pcs/carton	



8core, 12core Distribution Box		
Part No.	ID-FDB-026	12core sealed connector type
	ID-FDB-027	8core sealed splitter type
Material	ABS/PP	
Dimension	260*225*88mm	
Qty/CTN	20pcs/carton	



8core, 12core Distribution Box		
Part No.	ID-FDB-028	12core connector type
	ID-FDB-029	8core splitter type
Material	ABS/PP	
Dimension	260*225*88mm	
Qty/CTN	20pcs/carton	



8core, 12core Distribution Box		
Part No.	ID-FDB-030	12core connector type
	ID-FDB-031	8core splitter type
Material	ABS	
Dimension	240*220*85mm	
Qty/CTN	20pcs/carton	



16core, 24core Distribution Box		
Part No.	ID-FDB-032	24core, connector type
	ID-FDB-033	16core, splitter type
Material	ABS	
Dimension	280*245*110mm	
Qty/CTN	20pcs/carton	



16core, 24core Distribution Box		
Part No.	ID-FDB-034	24core connector type
	ID-FDB-035	16core splitter type
Material	ABS	
Dimension	360*278*103mm	
Qty/CTN	10pcs/carton	



16core, 24core Distribution Box		
Part No.	ID-FDB-036	24core connector type
	ID-FDB-037	16core splitter type
Material	ABS	
Dimension	350*295*135mm	
Qty/CTN	10pcs/carton	



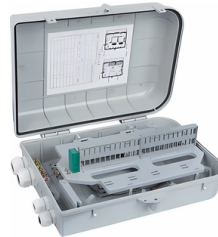
32core, 48core Distribution Box		
Part No.	ID-FDB-038	48core,connector type
	ID-FDB-039	32core, splitter type
Material	ABS	
Dimension	420*356*142mm	
Qty/CTN	6pcs/carton	



16core, 24core Distribution Box		
Part No.	ID-FDB-040	24core, connector type
	ID-FDB-041	16core, splitter type
Material	ABS	
Dimension	330*255*120mm	
Qty/CTN	15pcs/carton	



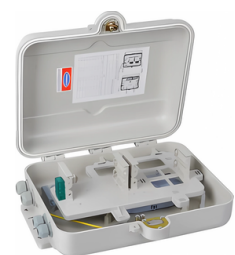
32core, 48core Distribution Box		
Part No.	ID-FDB-042	48core,connector type
	ID-FDB-043	32core, splitter type
Material	ABS	
Dimension	407*290*130mm	
Qty/CTN	10pcs/carton	



16core, 24core Distribution Box		
Part No.	ID-FDB-044	24core, connector type
	ID-FDB-045	16core, splitter type
Material	Imitation SMC	
Dimension	350*285*125mm	
Qty/CTN	10pcs/carton	



32core, 48core Distribution Box		
Part No.	ID-FDB-046	48core connector type
	ID-FDB-047	32core splitter type
Material	Imitation SMC	
Dimension	420*345*140mm	
Qty/CTN	8pcs/carton	



64core, 72core Distribution Box		
Part No.	ID-FDB-048	72core connector type
	ID-FDB-049	64core splitter type
Material	ABS	
Dimension	420*356*185mm	
Qty/CTN	6pcs/carton	



12core, 16core Distribution Box		
Part No.	ID-FDB-050	12core, connector type
	ID-FDB-051	16core, splitter type
Material	ABS	
Dimension	270*220*90mm	
Qty/CTN	20pcs/carton	



32core, 36core Distribution Box		
Part No.	ID-FDB-052	36core, connector type
	ID-FDB-053	32core, splitter type
Material	ABS	
Dimension	330*260*180mm	
Qty/CTN	15pcs/carton	



Fiber Optic Splice Closure

Fiber optic splice closures join and protect optical cables in various environments. They come in dome (cable inputs at both ends) and inline (cable inlets at the bottom) types, with durable exteriors and splice cassettes inside. Suitable for temperatures from -40 to +65°C, they are used in CATV, telecom, and fiber-optic networks. We offer various models to meet different needs, including options with fiber splitters.

12 core Optic Splice Closure		
Part No.	ID-FSC-IL-001-12C	12core
	ID-FSC-IL-001-24C	24core
	ID-FSC-IL-001-48C	48core
Material	PP	
Dimension	320*150*70mm	
Inlets/Outlets	2/2	
Max Capacity	48core	




24 core Optic Splice Closure		
Part No.	ID-FSC-IL-002-24C	24core
	ID-FSC-IL-002-48C	48core
	ID-FSC-IL-002-96C	96core
Material	PP	
Dimension	430*190*140mm	
Inlets/Outlets	2/2	
Max Capacity	96core	




96 core Optic Splice Closure		
Part No.	ID-FSC-IL-003-24C	24core
	ID-FSC-IL-003-48C	48core
	ID-FSC-IL-003-96C	96core
Material	PP/ABS/PC	
Dimension	440*170*110mm	
Inlets/Outlets	2/2	
Max Capacity	96core	




96 core Optic Splice Closure		
Part No.	ID-FSC-IL-004-24C	24core
	ID-FSC-IL-004-48C	48core
	ID-FSC-IL-004-96C	96core
Material	PP/ABS/PC	
Dimension	430*190*110mm	
Inlets/Outlets	2/2	
Max Capacity	96core	




96 core Optic Splice Closure		
Part No.	ID-FSC-IL-005-48C	48core
	ID-FSC-IL-005-96C	96core
Material	PP/ABS/PC	
Dimension	430*190*110mm	
Inlets/Outlets	3/3	
Max Capacity	96core	




144core Optic Splice Closure		
Part No.	ID-FSC-IL-006-96C	96core
	ID-FSC-IL-006-144C	144core
Material	PP/ABS/PC	
Dimension	430*190*140mm	
Inlets/Outlets	3/3	
Max Capacity	144core	




96 core Optic Splice Closure		
Part No.	ID-FSC-IL-007-48C	48core
	ID-FSC-IL-007-96C	96core
Material	PP/ABS/PC	
Dimension	430*190*110mm	
Inlets/Outlets	4/4	
Max Capacity	96core	




144 core Optic Splice Closure		
Part No.	ID-FSC-IL-008-96C	96core
	ID-FSC-IL-008-144C	144core
Material	PP/ABS/PC	
Dimension	430*190*140mm	
Inlets/Outlets	4/4	
Max Capacity	144core	




96 core Optic Splice Closure		
Part No.	ID-FSC-IL-009-48C	48core
	ID-FSC-IL-009-96C	96core
Material	PP/ABS/PC	
Dimension	280*200*90mm	
Inlets/Outlets	1/1	
Remarks	For Both Wall Mounted and Aerial hinged type	




48core Optic Splice Closure		
Part No.	ID-FSC-DT-010-24C	24core 4pcs*6 tray
	ID-FSC-DT-010-48C	48core 4pcs*12tray
Material	PP	
Dimension	300*120mm	
Inlets/Outlets	1/3	
Structure	Heat Shrinkable Sealing	




48core Optic Splice Closure		
Part No.	ID-FSC-DT-011-24C	24core 4pcs*6 tray
	ID-FSC-DT-011-48C	48core 4pcs*12tray
Material	PP	
Dimension	300*120mm	
Inlets/Outlets	2/2	
Structure	Mechanical Seal	




144core Optic Splice Closure		
Part No.	ID-FSC-DT-012-48C	48core 2pcs*24 tray
	ID-FSC-DT-012-96C	96core 4pcs*24tray
	ID-FSC-DT-012-144C	144core 6pcs*24tray
Material	PP	
Dimension	420*140mm	
Inlets/Outlets	1/3	
Structure	Heat Shrinkable Sealing	




144core Optic Splice Closure		
Part No.	ID-FSC-DT-013-48C	48core 2pcs*24 tray
	ID-FSC-DT-013-96C	96core 4pcs*24tray
	ID-FSC-DT-013-144C	144core 6pcs*24tray
Material	PP	
Dimension	420*140mm	
Inlets/Outlets	2/4	
Structure	Machnical Seal	



144core Optic Splice Closure		
Part No.	ID-FSC-DT-014-48C	48core 2pcs*24 tray
	ID-FSC-DT-014-96C	96core 4pcs*24tray
	ID-FSC-DT-014-144C	144core 6pcs*24tray
Material	PP	
Dimension	420*140mm	
Inlets/Outlets	1/4	
Structure	Heat Shrinkable Sealing	








192core Optic Splice Closure		
Part No.	ID-FSC-DT-015-96C	96core 4pcs*24 tray
	ID-FSC-DT-015-96C	96core 2pcs*48tray
	ID-FSC-DT-015-144C	144core 3pcs*48tray
	ID-FSC-DT-015-192C	192core 4pcs*48tray
Material	PP	
Dimension	470*205mm	
Inlets/Outlets	1/4	
Structure	Heat Shrinkable Sealing	







Fiber Access Terminal Box

The Fiber Access Terminal Box is used to terminate optical fibers in residential, villa, and office settings. It can be wall-mounted and supports various optical connection styles, providing end users with optical or data access.

			
ID-ATB-001	ID-ATB-002	ID-ATB-003	ID-ATB-004
86*86*25mm 2core	120*80*25mm 2core		130*83*24mm 2core
ABS/PP	ABS	ABS	ABS/PP

			
ID-ATB-005	ID-ATB-006	ID-ATB-007	ID-ATB-008
4core	4core	1core SC Duplex	1core SC Simplex
ABS	ABS	ABS	ABS

			
ID-ATB-009	ID-ATB-010	ID-ATB-011	ID-ATB-012
2core	4core	6core	205*110*28mm, 8core
ABS	ABS	ABS	ABS

		
ID-ATB-013	ID-ATB-014	ID-ATB-015
4core	12core	24core
265*132*40mm	435*200*42mm	435*200*42mm



Optic Distribution Frame

The Fiber Access Terminal Box is used to terminate optical fibers in residential, villa, and office settings. It can be wall-mounted and supports various optical connection styles, providing end users with optical or data access.



Part No.	ID-ODF-01201
Size	480*300*50mm
Adapter Port	12port
Connector Type	LC, SC, FC, ST



Part No.	ID-ODF-02402
Size	480*300*74mm
Adapter Port	24port
Connector Type	LC, SC, FC, ST



Part No.	ID-ODF-04803
Size	480*300*140mm
Adapter Port	48port
Connector Type	LC, SC, FC, ST



Part No.	ID-ODF-07204
Size	480*300*200mm
Adapter Port	72port
Connector Type	LC, SC, FC, ST



Part No.	ID-ODF-09605
Size	480*300*260mm
Adapter Port	96port
Connector Type	LC, SC, FC, ST

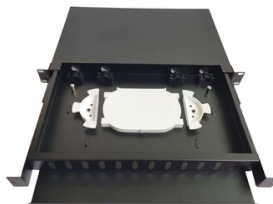


Part No.	ID-ODF-14406
Size	480*300*340mm
Adapter Port	144port
Connector Type	LC, SC, FC, ST

Fiber Optic Patch Panel



Part No.	ID-ODF-0007
Part Name	Patch panel without sliding
Size	19inch 12/24 port
Connector Type	LC, SC, FC, ST



Part No.	ID-ODF-0008
Part Name	Patch panel with sliding
Size	19inch 12/24 port
Connector Type	LC, SC, FC, ST



Part No.	ID-ODF-0009
Part Name	1U MPO panel with sliding
Size	19inch 1U
Connector Type	LC, SC



Part No.	ID-ODF-0010
Part Name	2U MPO panel with sliding
Size	19inch
Connector Type	LC, SC

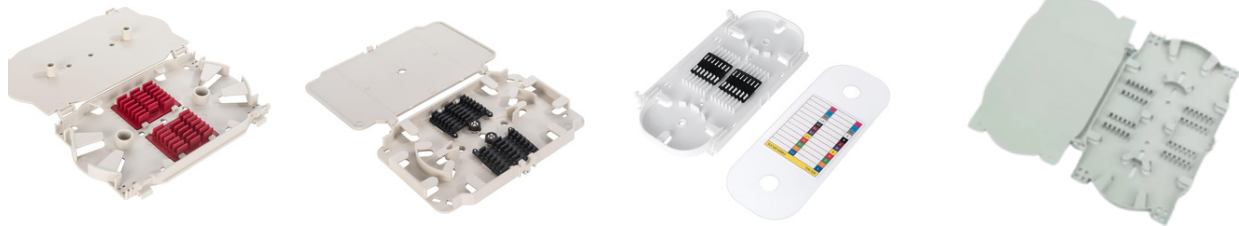


Part No.	ID-ODF-0011
Part Name	MPO/MTP Cassette
Size	12core, 24core
Connector Type	LC



Part No.	ID-ODF-0012
Part Name	MPO/MTP Cassette
Size	12core
Connector Type	LC

Fiber Optic Splice Tray



Part No.	ID-A-0001
Size	163*98*15mm
Pitch	80mm

Part No.	ID-A-0002
Size	140*98*17mm
Pitch	42mm

Part No.	ID-A-0003
Size	225*117*17mm
Adapter Port	150mm

Part No.	ID-A-0004
Size	225*117*17mm
Adapter Port	150mm

Protective Box




Part No.	ID-B-0001
Name	Mechanical cold adapter type
Remark	1 in 2 out

Part No.	ID-B-0002
Name	Hot Melt Protection Box
Remark	

Part No.	ID-B-0003
Name	Waterproof Splice Protection Box
Remark	adapter type

Cleaning Pen & Tool



Part No.	ID-C-0001
Adapter	2.5mm SC, FC, ST
Times	800+

Part No.	ID-C-0002
Adapter	1.25mm LC, MU
Times	800+

Part No.	ID-C-0003
Adapter	MTP/MPO Connector
Times	600+

Part No.	ID-C-0004
Adapter	SC/FC/ST/D4/Mu/LC/M T/DIN
Times	500+



Part No.	ID-C-0005
Part Name	Fiber Sheath splitter
OD of Fiber	10-25mm

Part No.	ID-C-0006
Name	2port Miller Plier
Cutter	125µm & 250µm

Part No.	ID-C-0007
Size	3port Miller Plier
Cutter	900µm & 125µm & 250µm

Part No.	ID-C-0008
Size	Fiber Stripper
Fit for	Φ0.25 & Φ0.9

Fiber Measurement



ID-D-001
Optic Power Meter
 Fit for SC/FC/ST



ID-D-002
Power Meter & VFL
 Fit for SC/FC/ST



ID-D-003
Visual Fault Locators
 Fit for SC/FC/ST 30MW



ID-D-004
Visual Fault Locators
 Fit for SC/FC/ST 50MW

Tool Kits



ID-D-005
FTTH Termination Kit
 18pcs/carton



ID-D-006
FTTH Termination Kit
 18pcs/carton



ID-D-007
Fiber Cutter
 63*76*60mm



ID-D-008
Fusion Splicer
 413*348*224mm

Others



ID-D-009
Splicing Sleeve 6mm
 100pcs/bag



DATA CENTER SOLUTION

- Standing Cabinet
- Wall Mounted Cabinet
- Power Distribution Unit

Network Standing Cabinet

Idealink's free-standing network rack cabinets are designed to organize and secure networking hardware, servers, and other IT equipment. Equipped with advanced components, they enhance performance and protection. These cabinets can hold heavier and deeper equipment, making them suitable for data centers, server rooms, businesses, and industrial premises. Available in various dimensions, they range from 18U to 42U in height and 600mm to 1000mm in depth.

IS Series Standing Cabinet

Features:

- SPCC cold rolled steel, disassembled
- Different style of front door and rear door are optional: toughened glass door with varies hole door border; vented arc door and the ventilation rate reach to 75%
- Plate steel rear door/Plate vented rear door/Optional double-section rear door
- Removable side panels
- Safety lock
- Mounting profiles with laser U-mark
- Optional Fan unit, easy installation
- High static loading capacity 1000KG
- IP20

Applications:

- ANSI/EIA RS-310-D
- IEC60297-2
- DIN41494:PART1
- DIN41494:PART7
- GB/T3047.2-92:ETSI

Style :



IS1



IS2



IS3



IS4





IS5



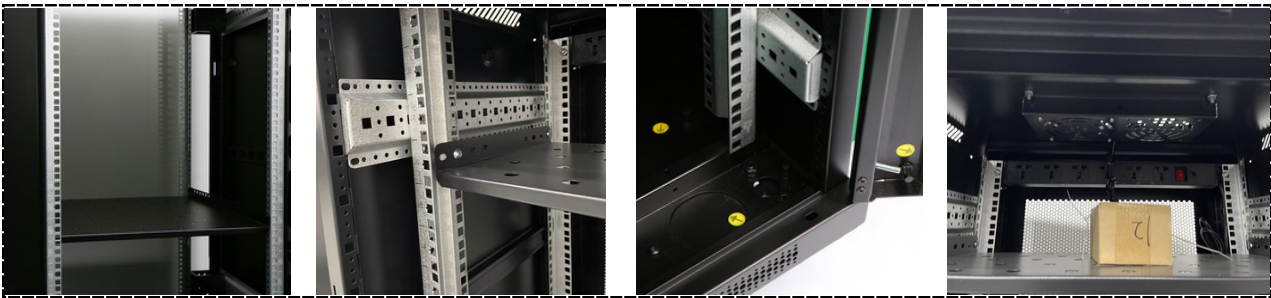
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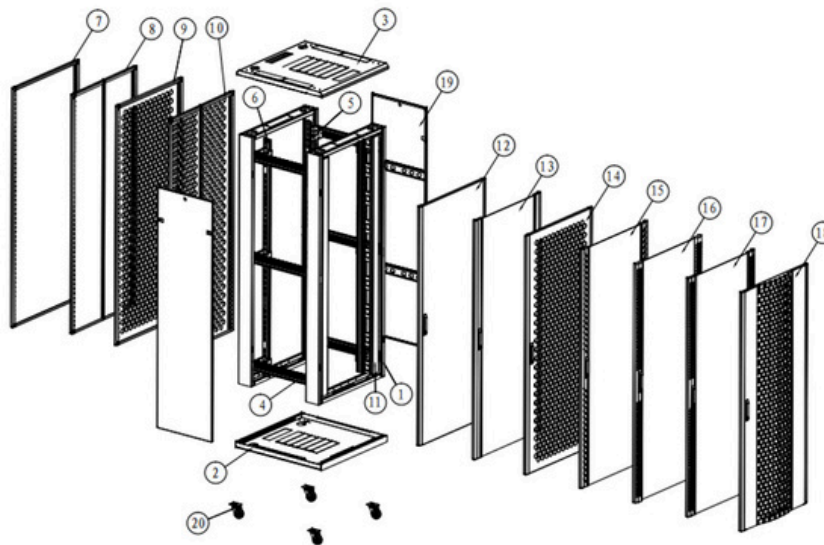
ISD



DSD



Cabinet Assembled Drawing:

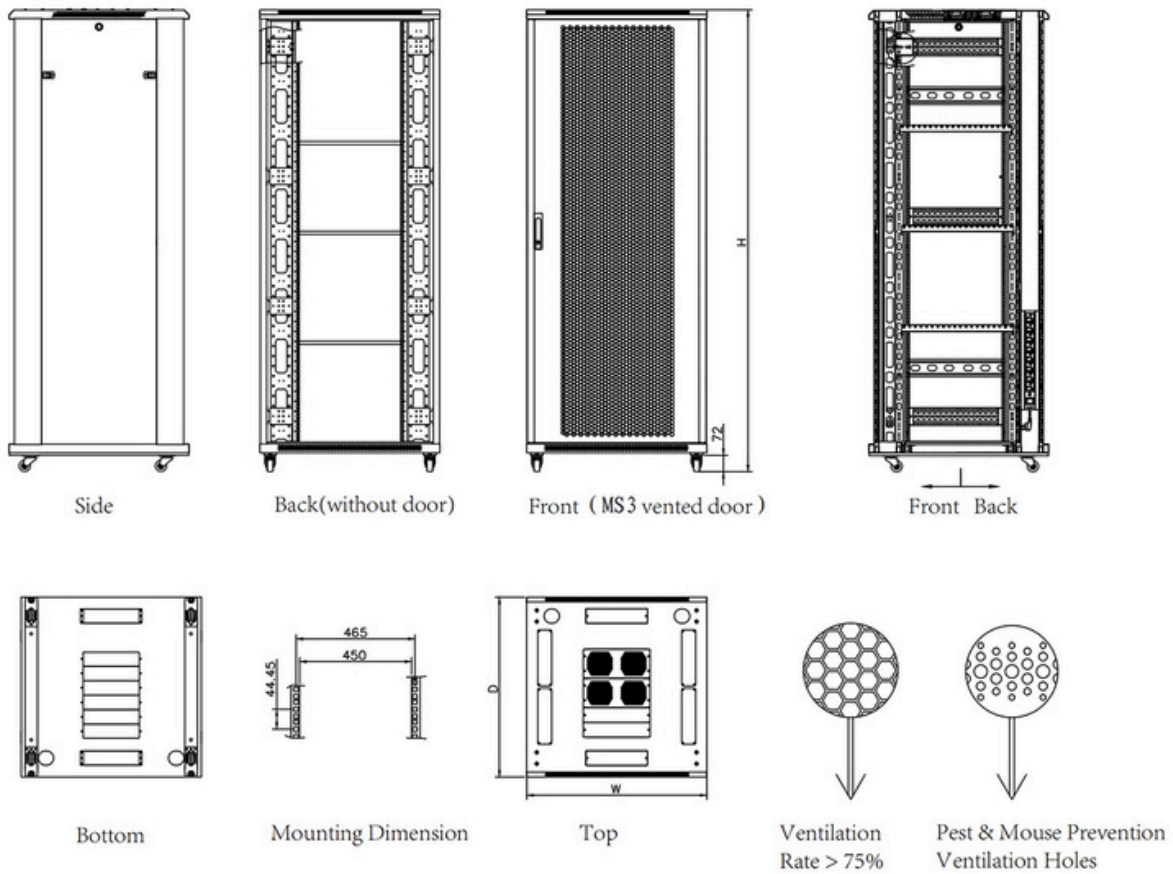


Main Parts

- | | | | |
|-------------------|-------------------------------------|---------------------------|---------------------------|
| 1. Frame | 6. Mounting profile | 11. Cable management slot | 16. IS5 front door |
| 2. Bottom panel | 7. Steel rear door | 12. IS1 front door | 17. ISS front door |
| 3. Top cover | 8. Double-section steel rear door | 13. IS2 front door | 18. ISD front door |
| 4. Mounting angle | 9. Vented rear door | 14. IS3 front door | 19. Side door |
| 5. Spacer block | 10. Double-section vented rear door | 15. IS4 front door | 20. 2" Heavy duty casters |



3D Drawing:



Remarks:

Width 600 Cabinet without spacer block and metal cable management slot.

Components:

NO.	Item	Unit	Qty	Thickness	Remarks
1	Top Cover	pcs	1	1.2mm	
2	Bottom panel	pcs	1	1.2mm	
3	Frame	pcs	2	1.2mm	
4	Side panel	pcs	2	1.2mm	
5	Mounting profile	pcs	4	2.0mm	
6	Mounting angle	pcs	6	1.2mm	4pcs for lower 32U
7	Spacer block	pcs	12	1.2mm	8pcs spacer blocks for lower 32U
8	Cable management slot	pcs	2	1.2mm	Only for Width 800 cabinets
9	Casters	pcs	4	/	
10	M12 adjustable feet	pcs	4	/	
11	T-type Allen wrench	pcs	1	/	
12	M6 square screw & nut	set	40	/	20 sets for lower 32U
13	PDU	pcs	/	/	Optional
14	Fixed shelf	pcs	/	/	
15	Fan tray	pcs	/	/	

IK Series Standing Cabinet

Features:

- 16 folded steel frame, more stable
- Hexagonal reticular high density vented plate front door
- Hexagonal reticular high density vented plate rear door
- Double-section optional
- High static loading capacity 1600KG
- Air conditioning components can be easily installed
- Larger internal space, easy combination
- The front and back doors are interchangeable
- IP20

Applications:

- ANSI/EIA RS-310-D
- IEC60297-2
- DIN41494:PART1
- DIN41494:PART7
- GB/T3047.2-92:ETSI

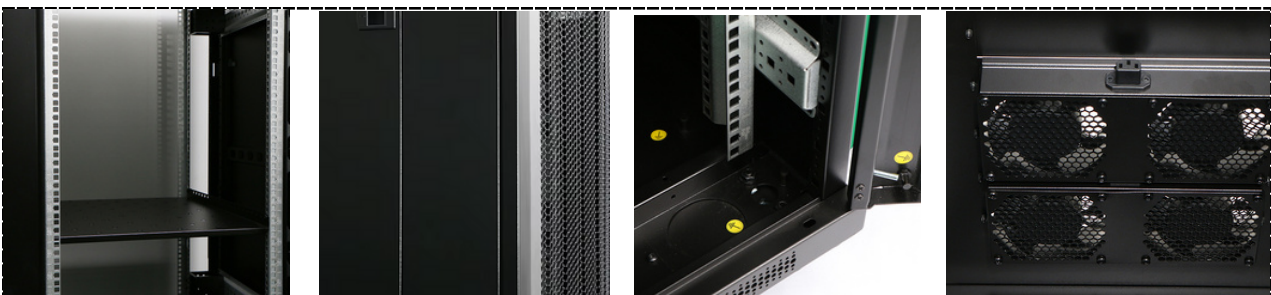
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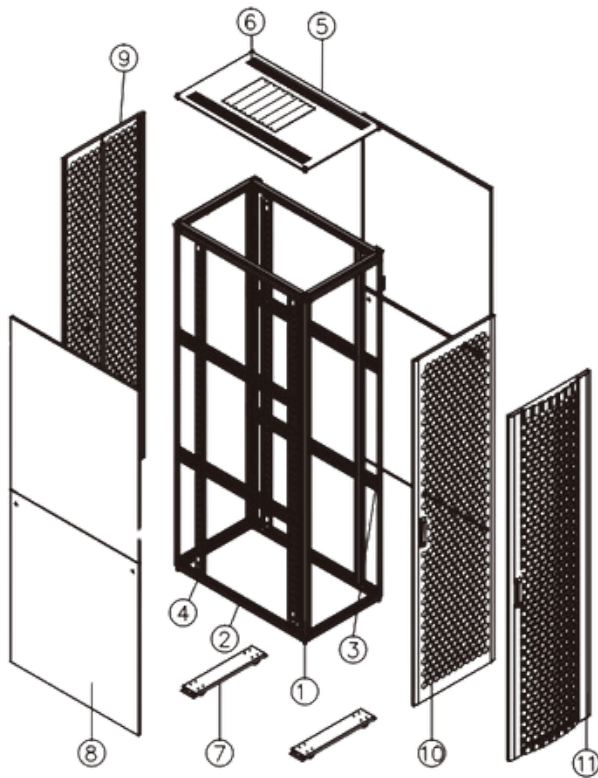
IK3



IKD



Cabinet Assembled Drawing:

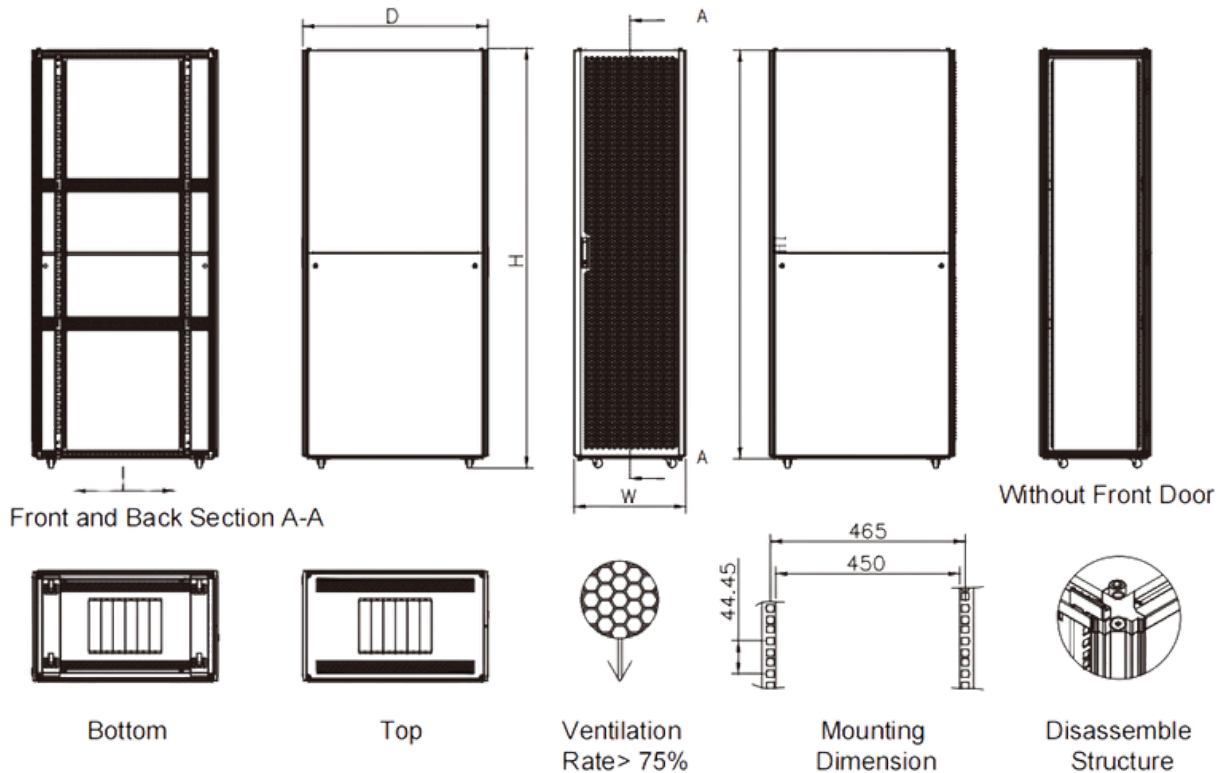


Main Parts

1. Column frame
2. Top & Bottom frame
3. Mounting angle
4. Mounting profile
5. Top cover
6. Dustproof brush
7. Tray & Heavy duty castor
8. Two section side panels
9. Double-section plate vented rear door
10. Hexagonal reticular high density vented plate front door
11. Hexagonal reticular high density vented arc front door

Remark: Lower 32U(including 32U) with one-piece side panel

3D Drawing:



Components:

NO.	Item	Unit	Qty	Thichness	Remarks
1	Top Cover	pcs	1	1.2mm	
2	Frame	pcs	1	1.5mm	
3	Side panel	pcs	2	0.8mm	One-piece side panel 1.2mm
4	Mounting profile	pcs	4	2.0mm	
5	Mounting angle	pcs	6	1.5mm	4pcs for lower 32U
6	Spacer block	pcs	12	1.5mm	8pcs spacer blocks for lower 32U
7	Cable management slot	set	2	0.8mm	Only for Width 800 cabinets
8	Tray	pcs	2		
9	2" Heavy duty casters	pcs	4	/	
10	M12 adjustable feet	pcs	4	/	
11	T-type Allen wrench	pcs	1	/	
12	M6 square screw & nut	set	40	/	20 sets for lower 32U
13	PDU	pcs	/	/	Optional
14	Fixed shelf	pcs	/	/	
15	Fan tray	pcs	/	/	

Remarks:

Width 600mm and lower 32U cabinets with 2pcs mounting angles, Width 600mm and above 32U cabinets with 4pcs mounting angles.

Width 800mm and lower 32U (including 32U) cabinets with 4pcs mounting angles, Width 800mm and above 32U cabinets with 6pcs mounting angles.

QL Series Standing Cabinet

Features:

- 7 folded structure steel frame, more stable
- Front and rear doors are designed with mechanical structure, side panel equips with stiffener, more solid and corrosive resistant. After 480 hours of salt spray test, service life is longer
- Optional Fan unit on top of the cabinet, fit for various scenarios
- Rear of the cabinet has multifunctional fixing piece for installing Dual PDUs or DC PDUs
- With the frame connection design to realize seamless cabinet combination
- With kinds of cabling channels. Front frame come with cable management ring, back frame come with wire hole, meet diversified cabling requirements
- Static loading capacity: 2400kg
- IP20

Applications:

- ANSI/EIA RS-310-D
- IEC60297-2
- DIN41494:PART1
- DIN41494:PART7
- GB/T3047.2-92:ETSI



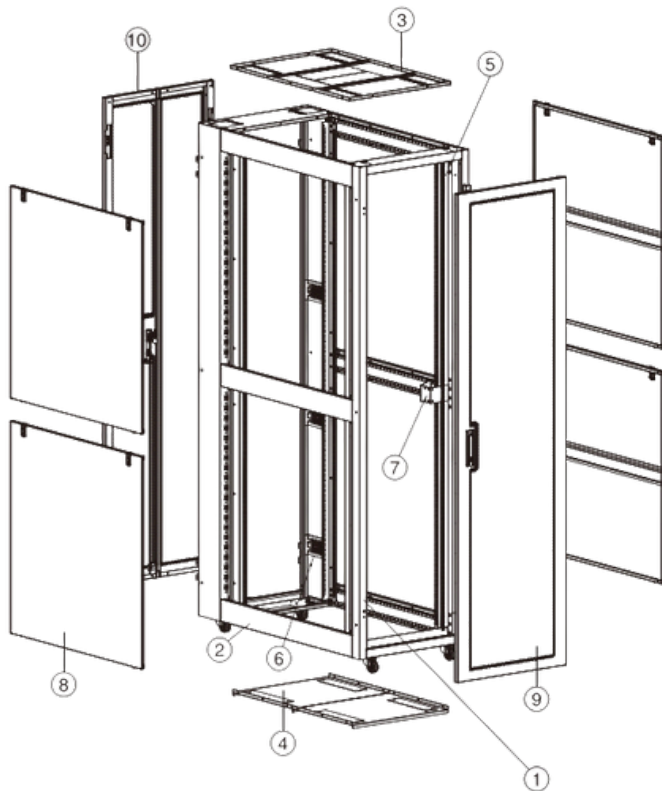
Picture:



QL



Cabinet Assembled Drawing:



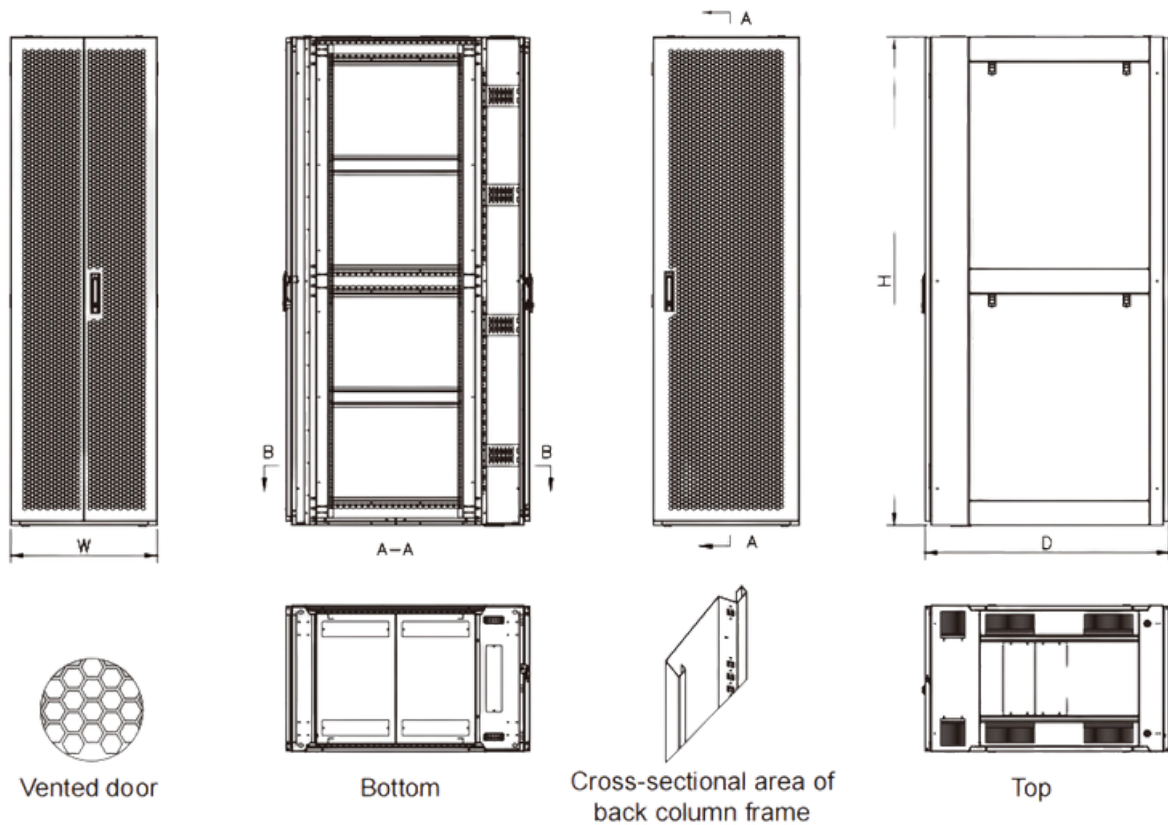
Main Parts

- 1. Frame
- 2. Mounting angle
- 3. Top cover
- 4. Bottom panel
- 5. Mounting profile
- 6. Multifunctional fixing piece
- 7. Cable management for front frame
- 8. Two section side panels
- 9. Mechanical structure front door
- 10. Mechanical structure rear door

Remark: Width 800 cabinets come with spacer blocks and sealing baffles



Cabinet Assembled Drawing:



Components:

NO.	Item	Unit	Qty	Thickness	Remarks
1	Top Cover	pcs	1	1.2mm	
2	Frame	pcs	1	1.5mm	
3	Side panel	pcs	2	0.8mm	One-piece side panel 1.2mm
4	Mounting profile	pcs	4	2.0mm	
5	Mounting angle	pcs	6	1.5mm	4pcs for lower 32U
6	Spacer block	pcs	12	1.5mm	8pcs spacer blocks for lower 32U
7	Cable management slot	set	2	0.8mm	Only for Width 800 cabinets
8	Tray	pcs	2		
9	2" Heavy duty casters	pcs	4	/	
10	M12 adjustable feet	pcs	4	/	
11	T-type Allen wrench	pcs	1	/	
12	M6 square screw & nut	set	40	/	20 sets for lower 32U
13	PDU	pcs	/	/	Optional
14	Fixed shelf	pcs	/	/	
15	Fan tray	pcs	/	/	

Remarks: Width 600mm and lower 32U cabinets with 2pcs mounting angles, Width 600mm and above 32U cabinets with 4pcs mounting angles.

Width 800mm and lower 32U (including 32U) cabinets with 4pcs mounting angles, Width 800mm and above 32U cabinets with 6pcs mounting angles.



Ordering Information:

Style	Model No.	Capacity	Width(mm)	Depth (mm)	Height(mm)
IS1/IS2/IS3/ IS4/IS5/ISS/ ISD/DSD/IK 3/IKD	060618	18U	600	600	988
	060818			800	
	060918			900	
	061018			1000	
	060622	22U	600	600	1166
	060822			800	
	060922			900	
	061022			1000	
	060627	27U	600	600	1388
	060827			800	
	060927			900	
	061027			1000	
	060632	32U	600	600	1610
	060832			800	
	060932			900	
	061032			1000	
	060637	37U	600	600	1833
	060837			800	
	060937			900	
	061037			1000	
061137	1100				
061237			1200		
IS1/IS2/IS3/IS 4/IS5/ISS/ISD/ DSD/IK3/IKD/ QL	060642	42U	600	600	2055
	060842			800	
	060942			900	
	061042			1000	
	061142			1100	
	061242			1200	
	080642	800	800	600	2055
	080842			800	
	080942			900	
	081042			1000	
	081142			1100	
	081242	1200			
	060647	47U	600	600	2277
	060847			800	
	060947			900	
061047	1000				
061147	1100				
061247	1200				



Ordering Information:

Style	Model No.	Capacity	Width(mm)	Depth (mm)	Height(mm)
IS1/IS2/IS3/IS4/IS5/ISS/ISD/DSD/IK3/IKD/QL	080647	47U	800	600	2277
	080847			800	
	080947			900	
	081047			1000	
	081147			1100	
	081247			1200	

Wall Mounted Cabinet

Features:

- Removable side panels, easy to install and maintain
- Optional veries of style of front door
- Adjustable depth of installation
- Static Loading Capacity: 60kg

Applications:

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

Style :



IWS



IWL



DSE double section



Ordering Information:

Style	Model No.	Capacity	Width(mm)	Depth (mm)
IWS/IWL	046045	4U	600	450
	066045	6U		
	096045	9U		
	126045	12U		
	156045	15U		
	186045	18U		
IWS/IWL/DSE	046060	4U	600	600
	066060	6U		
	096060	9U		
	126060	12U		
	156060	15U		
	186060	18U		



ORD Series Open Rack

Features:

- Modular design, easily assemble and disassemble for delivery, low-cost
- Various optional accessories according to requirements
- SPCC quality cold rolled steel
- Thickness: Frame: 2.0mm, other: 1.5mm
- Static Loading Capacity: 150kg (with adjustable feet)

Applications:

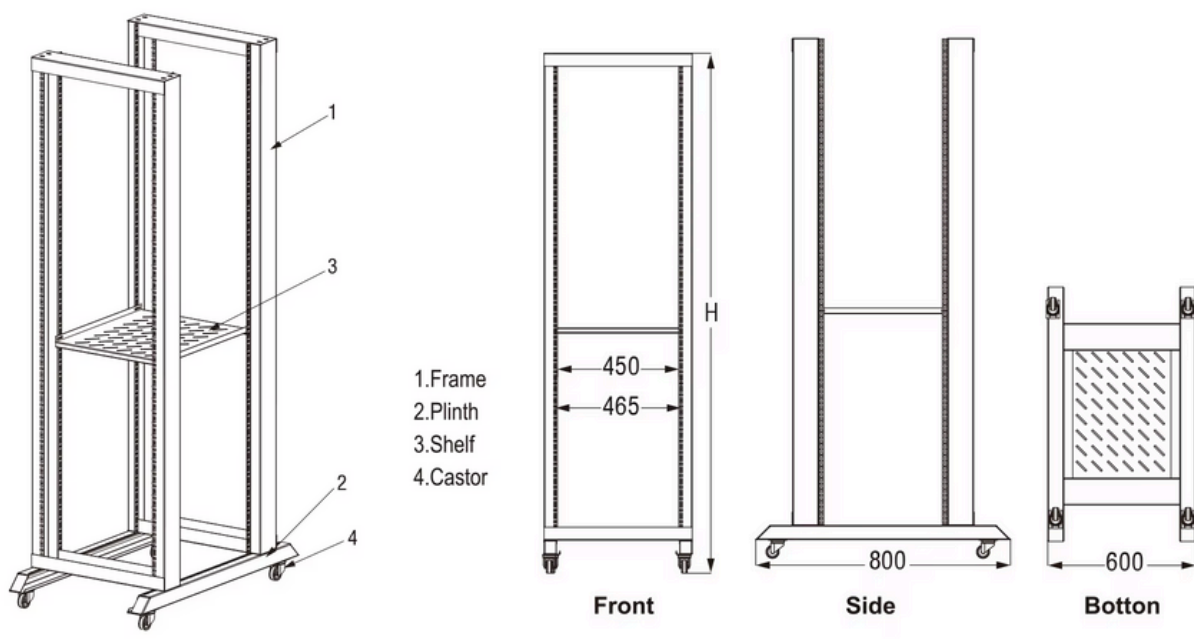
- ANSI/EIA RS-310-D
- ETSI standard

Main Parts:



ORD

NO.	Item	Unit	Qty	Thickness	Remarks
1	Frame	pcs	2	2.0mm	SPCC
2	Plinth	pcs	2	1.5mm	SPCC
3	Shelf	pcs	1	1.2mm	SPCC
4	M6 Philip-head screw	pcs	10	/	/
5	M6 square nut	pcs	10	/	/
6	Castor	pcs	4	/	/
7	M12 adjustable feet	pcs	4	/	/



ORS Series Open Rack

Features:

- Modular design, easily assemble and disassemble for delivery, low-cost
- Various optional accessories according to requirements
- SPCC quality cold rolled steel
- Thickness: Frame: 2.0mm, other: 1.5mm
- Static Loading Capacity: 150kg (with adjustable feet)

Applications:

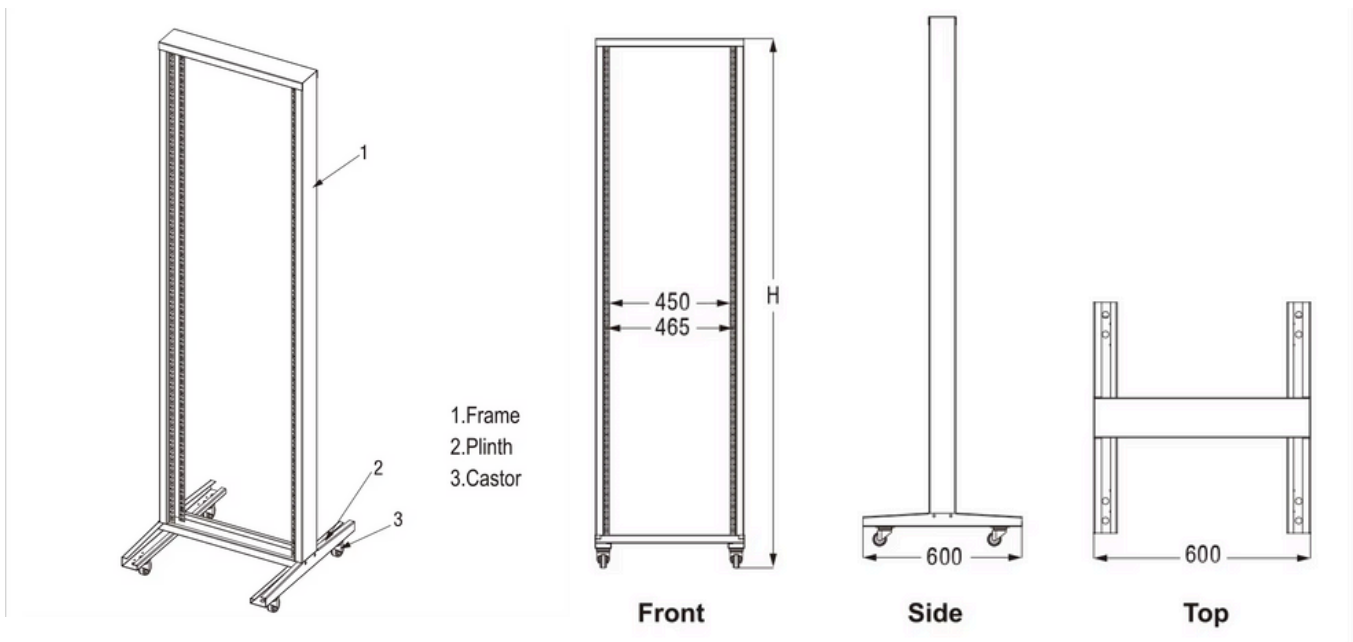
- ANSI/EIA RS-310-D
- ETSI standard



ORS

Main Parts:

NO.	Item	Unit	Qty	Thickness	Remarks
1	Frame	pcs	1	2.0mm	SPCC
2	Plinth	pcs	2	1.5mm	SPCC
3	M6 Philip-head screw	pcs	10	/	/
4	M6 square nut	pcs	10	/	/
5	Castor	pcs	4	/	/
6	M12 adjustable feet	pcs	4	/	/



Style	Model No.	Capacity(U)	Width(mm)	Depth(mm)
ORD/ORS	6627	27U	600	600
	6637	37U	600	600
	6642	42U	600	600
	6645	45U	600	600



ORW Series Open Rack

Features:

- Modular design, easily assemble and disassemble for delivery, low-cost
- Various optional accessories according to requirements
- SPCC quality cold rolled steel
- Thickness: Frame: 0.8mm

Applications:

- ANSI/EIA RS-310-D
- ETSI standard



ORW

Ordering Information:

Model No.	Capacity(U)	Size(mm)
ORW4U	4U	570*258*450
IORW6U	6U	570*347*450
ORW9U	9U	570*480*450

Power Distribution Unit

ID-PDU-GEM-001 Germany style	ID-PDU-UK-002 UK style	ID-PDU-US-003 US style	ID-PDU-INT-004 Universal style

Other Accessories

ID-E-001 Sliding Shelf	ID-E-002 Fixed Shelf	ID-E-003 Cantilever Shelf	ID-E-004 Screw & Nut





ID-E-005

Blank Panel



ID-E-006

Cooling Fan



ID-E-007

Castor



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