



DatoLink

Connectivity solution



# Datolink Ltd

— Fiber optic connectivity solution



# 2023



# CONTENTS

## OPTIC FIBER PASSIVE SERIES

- 01 Fiber Optic Patch Cord
- 03 Fiber Optic Pigtail
- 04 Fiber Optic Connector
- 06 MPO/MTP Series
- 10 Fiber Optic Adapter
- 18 Fiber Optic Attenuator
- 19 Fiber Optic Splitter
- 21 Fiber Optic Fast Connector
- 25 Fiber Optic Patch Panel&ODF
- 34 Fiber Optic Terminal Box
- 49 Fiber Optic Splice Closure
- 53 Fiber Optic Cable

## OPTIC FIBER ACTIVE SERIES

- 61 SFP/XFP Transceivers
- 67 Fiber Media Converter
- 68 ONU
- 69 EDFA

## FIBER OPTIC TESTERS & TOOLS

- 73 Fiber Optic Cleaner
- 75 Basic Fiber Tester
- 79 Advanced Fiber Tester
- 80 Fiber Optic Splicing
- 83 Fiber Optic Patch Cord Production Lab
- 86 Fiber Optic Tools
- 88 Copper Testers & Tools

# 2023



# CONTENTS

## FIBER OPTIC ACCESSORIES

- 90 Cable Tie
- 91 Velcro
- 92 Spiral Tube /PU Tube
- 93 Heat Shrinkable Tube/ Sleeve
- 94 Fan Out Kit
- 95 Fiber Optic Adapter Plates
- 96 Fiber Tray
- 97 Stainless Steel cable band & buckle
- 98 ADSS Cable/Drop Cable
- 99 Fiberglass Duct Rodder

## NETWORKING SERIES

- 100 Cat5e/Cat6/Cat6A Patch Cord
- 101 Cat5e/Cat6/Cat6A Keystone Jack
- 102 Cat5e/Cat6/Cat6A UTP/FTP Patch Panel
- 103 Rj45 Connector/ RJ45 Boots
- 104 Face Plate
- 105 Empty Rosette
- 106 Cable Management
- 107 LAN Cable
- 108 Network Cabinet

# OPTIC FIBER PASSIVE SERIES



SC/APC Patch Cord



SC/UPC Patch Cord



LC/UPC Patch Cord



ST Patch Cord



FC/APC Patch Cord



OM3 ST-SC Patch Cord



OM4 SC Patch Cord



OM5 MTRJ Patch Cord



E2000/APC Patch Cord



MTRJ Patch Cord



ST-LC 90 Degree Patch cord



LC-LC Uniboot Patch Cord



SC-SC 24FO Break-out patch cord



LC-LC 6FO Break-out patch cord



Mode conditioning Patch Cord



DatoLink

Fiber Optic Patch Cord



Armored Patch Cord



SMA Patch Cord



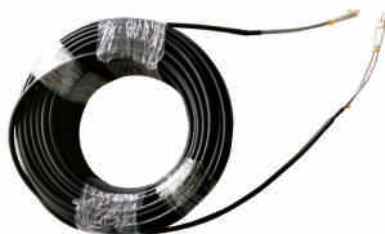
DIN Patch Cord



LX5 Patch Cord



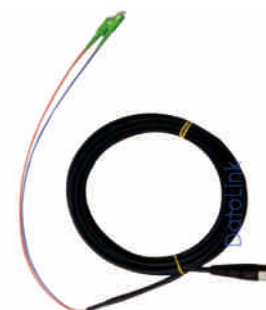
Pulling Eye Patch Cord



CPRI Patch Cord



Drop Cable Patch Cord



ODC Patch Cord



NSN Patch Cord



Mini SC Patch Cord



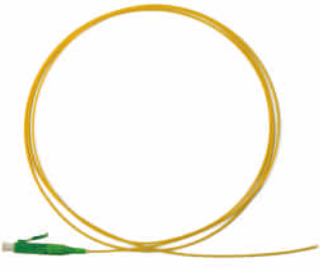
FULLAXS FTTA Patch Cord



ODVA Patch Cord

Specifications		
	Single mode	Multimode
Insert Loss	≤0.30dB	≤0.25dB
Return Loss	≥50 dB (PC)	
	≥55 dB (UPC)	
	≥65 dB (APC)	
Durability	<0.30 dB typical change, 1000 mating	
Operating Temperature	From -40 to +80°C	From -40 to +80°C
Ferrule Hole Sizes	125.0+1/-0μm, Concentricity: ≤1.0μm	125μm, Concentricity: 1≤3μm
	125.5+1/-0μm, Concentricity: ≤1.0μm	127μm, Concentricity: 1≤3μm
	126.0+1/-0μm, Concentricity: ≤1.0μm	128μm, Concentricity: 1≤3μm

# OPTIC FIBER PASSIVE SERIES



LC APC Pigtail



LC UPC Pigtail



OM3 Pigtail



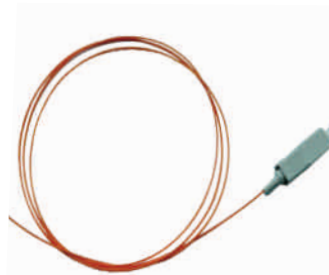
OM4 Pigtail



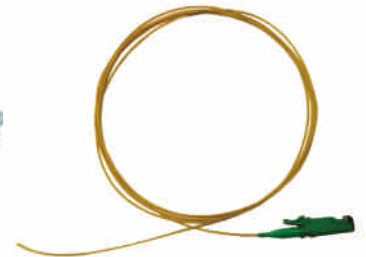
ST Pigtail



FC Pigtail



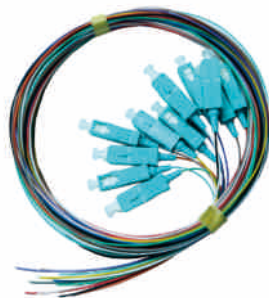
SC Pigtail



E2000 Pigtail



SC APC 12 colors Pigtail



SC OM3 12 colors Pigtail



SC OM4 12 colors Pigtail



Pre-connectorized Pigtail

## Description

Fiber pigtail is a short optical fiber permanently attached to a source, detector, or other fiber optic device at one end and an optical connector at the other. 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.



SC/APC Connector



LC/APC Connector



SC/UPC Connector



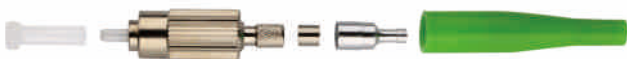
LC/UPC Connector



SC/UPC MM Connector



LC/UPC MM Connector



FC/APC Connector



ST/PC Connector



MU/UPC Connector



LC Uniboot Connector

# OPTIC FIBER PASSIVE SERIES



MTRJ Connector



ODVA/LC Waterproof



ODVA/MPO Waterproof



ODVA/SC Waterproof

## Description

Optical fiber connectors, it is the two end precision optical fiber optic jumper, dock up according to the transmission medium can be divided into common silicon-based optical single-mode, multi-mode jumpers, and other such as plastic for transmission medium of fiber optic jumper cables, By connecting head structure forms can be divided into: FC jumper cables, SC jumpers, ST jumper cables, LC jumper cables, MTRJ jumper cables, MPO jumper cables, MU jumper cables, SMA jumper cables.

## Features

- 1 Low insertion loss ( $\leq 0.20\text{dB}$ ) and high return loss ( $\geq 55\text{ dB}$ )
- 2 Free-floating ceramic ferrule
- 3 UL-rated plastic housing and boot
- 4 Boots in a variety of colors
- 5 High precision alignment connector

## Applications

- 1 Local Area Networks (LANs) and Wide Area Networks (WANs)
- 2 Fiber Optic CATV, FTTH, FTTB, FTTP etc
- 3 Fiber Optic telecommunication systems
- 4 Transmission Mode (ATM)
- 5 Fiber Optic Backbone
- 6 Military Instrumentation





## MPO / MTP PATCH CORD



MPO-MPO SM Patch cord



MPO-MPO OM3 Patch cord



MPO-MPO OM4 Patch cord

### Description

MPO / MTP patch cord are designed to high density multifibers solutions, fit for different installation environment and easy to install between the trunk line, data centers and buildings. Our trunk cables are 100% factory tested and can meet your special requirements. All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.

## MPO / MTP TRUNK CABLES



### Description

Datolink MTP/MPO trunk cable series are definitely an efficient and economical solution at data center. Datolink provides SM and MM MTP/MPO optical patch cord with 8/12/16/24/32 cores and trunk cable can reach 388 cores. Male and female connector and customized cable length and color are available.

# OPTIC FIBER PASSIVE SERIES

## MPO / MTP FAN-OUT CABLES

MPO/MTP Series



### Description

Datolink MPO / MTP fan-out cables are designed to use fan-out kit convert to standard optical connectors, harness cables are designed to fanout standard optical connectors directly with 0.9mm loose tube. Input use MTP/MPO high density multifibers connectors and output usually with LC, SC, FC, E2000 and so on. It fit for different installation environment and easy to install between different transmission equipment or different racks and cassette modules. Our connectors are 100% factory tested and can meet your special requirements. All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.

### Application

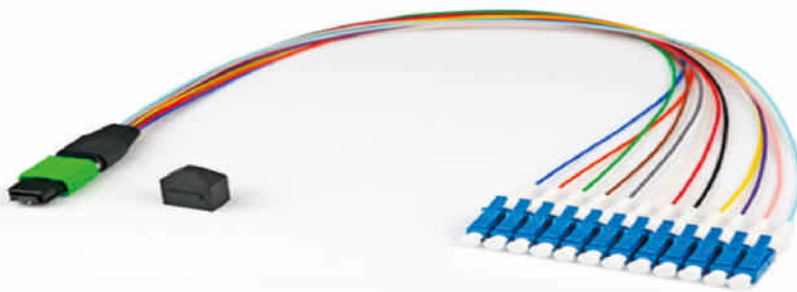
- Data center cabling
- Serves to serves cabling
- Gigabit ethernet
- CATV, Video and Multimedia
- Telecommunication network Industrial & Military

### Features

- Easy racks and cassette modules installation
- 100% tested before delivery
- MTP And MPO available
- Use 8/12/24 Cores Fiber Connector
- SM/OM1/OM2/OM3/OM4 or Customized
- LSZH, OFNR, OFNP available
- Compliance with Telcordia GR-1435-Core Compliant



## MPO / MTP HARNESS CABLES



### Description

MPO / MTP Harness cables are designed to fanout standard optical connectors directly with 0.9mm loose tube. Input use MTP/MPO high density multifibers connectors and output usually with LC, SC, FC, E2000 and so on. It fit for different installation environment and easy to install between different transmission equipment or different racks and cassette modules. Our connectors are 100% factory tested and can meet your special requirements. All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.

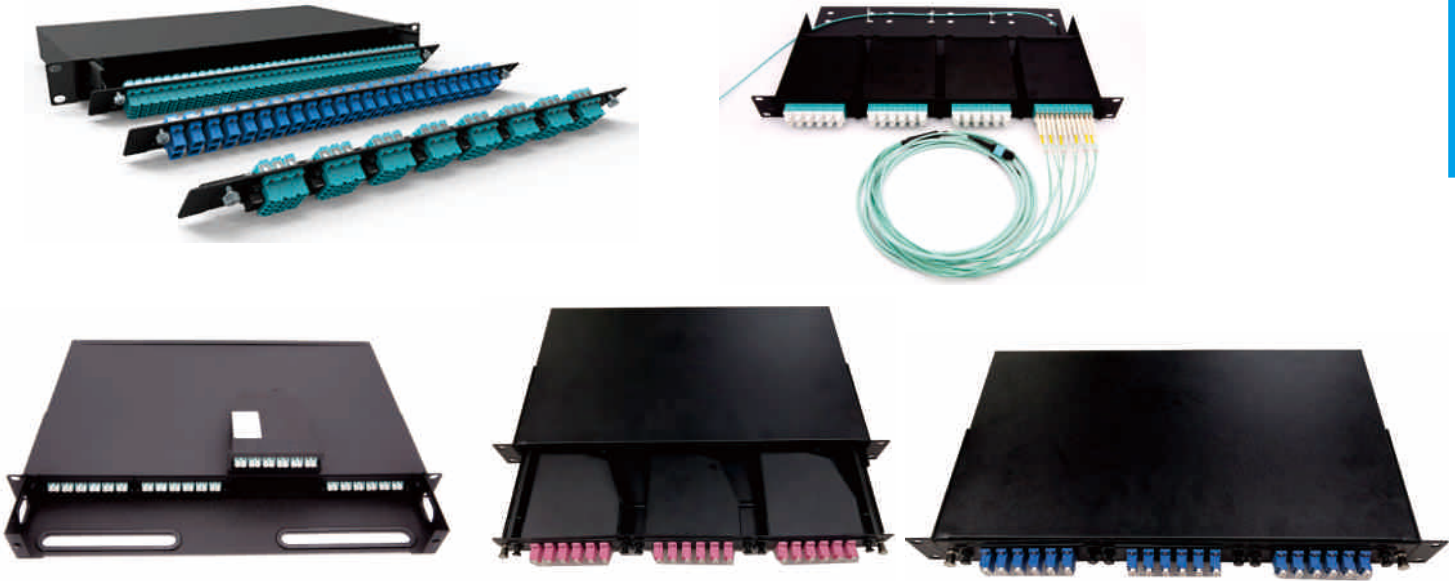
### Features

- Easy racks and cassette modules installation
- 100% tested before delivery
- MTP And MPO available
- Use 8/12/24 Cores Fiber Connector
- SM/OM1/OM2/OM3/OM4 or Customized
- LSZH, OFNR, OFNP available
- Compliance with Telcordia GR-1435-Core Compliant

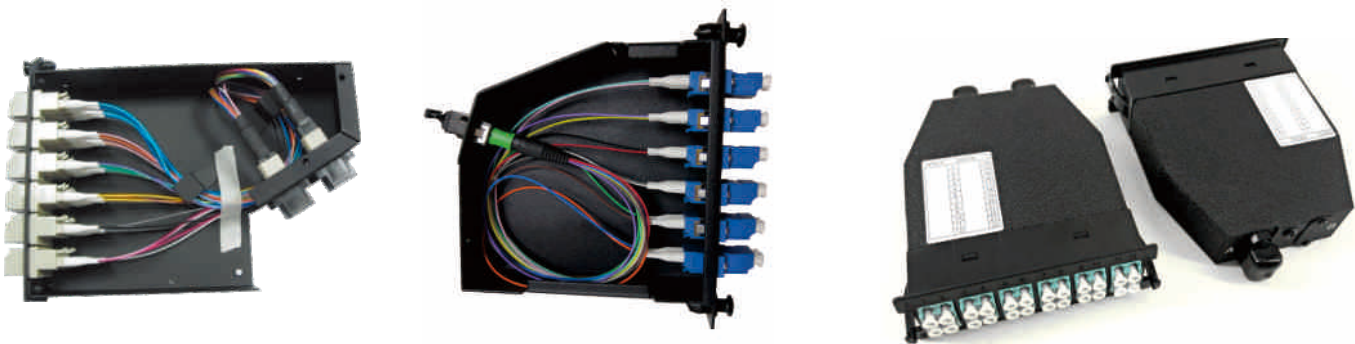
### Applications

- Data center cabling
- Serves to serves cabling
- Gigabit ethernet
- CATV, Video and Multimedia
- Telecommunication network Industrial & Military

# MPO RACK



# MPO CASSETTES



## Description

Datolink racks, cassettes and enclosures are industry standards designed to meet the specification rack mounting, easy installation. Input use MTP/MPO high density multifibers connectors adapter and output usually with LC, SC, FC, E2000 adapter and so on. It fit for different installation environment and easy to install between different transmission equipment or different racks and cassette modules. Our connectors are 100% factory tested and can meet your special requirements. All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.

## Features

- Standard 1U ~ 4U racks
- 100% tested before delivery
- MTP And MPO available
- Use 12/24 Cores Fiber Connector and adapter
- Counts usually 12 / 24 / 36 / 48 / 72 / 96 / 144-fibers
- Standard LGX racks available or customized
- SM/OM1/OM2/OM3/OM4 or Customized
- LSZH, OFNR, OFNP available
- Compliance with Telcordia GR-1435-Core Compliant

# OPTIC FIBER PASSIVE SERIES

## MPO / MTP LOOPBACK



### Description

Datolink MPO / MTP Loopback are designed to equipment and optical module transmission loop test, fit for different installation environment and easy to install on equipment and optical module transceiver. Our Loopback are 100% factory tested and can meet your special requirements. All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.

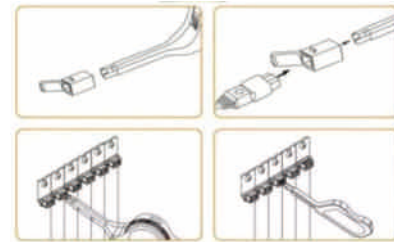
### Features

- 100% tested before delivery
- MTP And MPO available
- Use 12/24 Cores Fiber Connector
- Box or Customized
- SM/OM1/OM2/OM3/OM4 or Customized
- LSZH, OFNR, OFNP available
- Compliance with Telcordia GR-1435-Core Compliant

### Applications

- Data center testing
- Equipment loop test
- Transceiver test
- Telecommunication network

## MPO CLEANER



### Description

The MPO Cleaner is a high-performance device designed for cleaning the ferrule end-faces of MPO & MTP connectors. Cost effective tool for cleaning fiber end-faces without the use of alcohol. It saves time by effectively cleaning all 12 fibers at once. The MPO connector cleaner is designed to clean both exposed jumper ends and connectors in Adapters.

### Features

Effective on a variety of contaminates including dust and oils • Intermateability with Focis -5(MPO)  
Capable of cleaning ferrules with or without guide pins  
Capable of cleaning MPO ferrules inside or outside an MPO adaptor  
Narrow design reaches tightly spaced MPO adapters  
Easy one -handed operation  
CLEP-MPO-T up to 500 cleanings;  
Low cost per clean

### Applications

Clean multimode and single-mode(angled) MPO connectors  
Clean MPO connectors in adaptors  
Clean exposed MPO ferrules  
Great addition to cleaning kits

## MPO CONNECTOR



## MPO ADAPTER



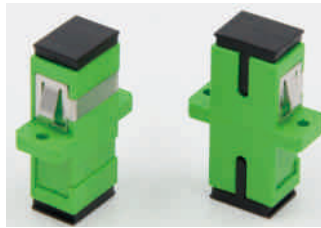
## MPO ATTENUATOR



# SC FIBER OPTIC ADAPTER



SC/UPC-SM-SX Adapter



SC/APC-SM-SX Adapter



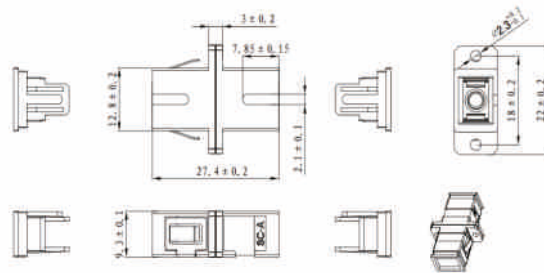
SC/UPC-MM-SX Adapter



SC/UPC-OM3-SX Adapter



SC/UPC-OM4-SX Adapter



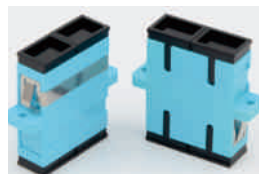
SC/UPC-SM-DX Adapter



SC/APC-SM-DX Adapter



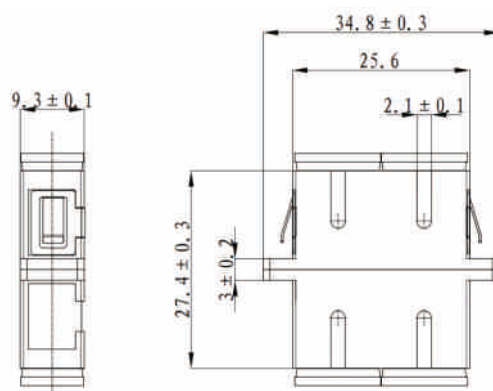
SC/UPC-MM-DX Adapter



SC/UPC-OM3-DX Adapter



SC/UPC-OM4-DX Adapter



# OPTIC FIBER PASSIVE SERIES

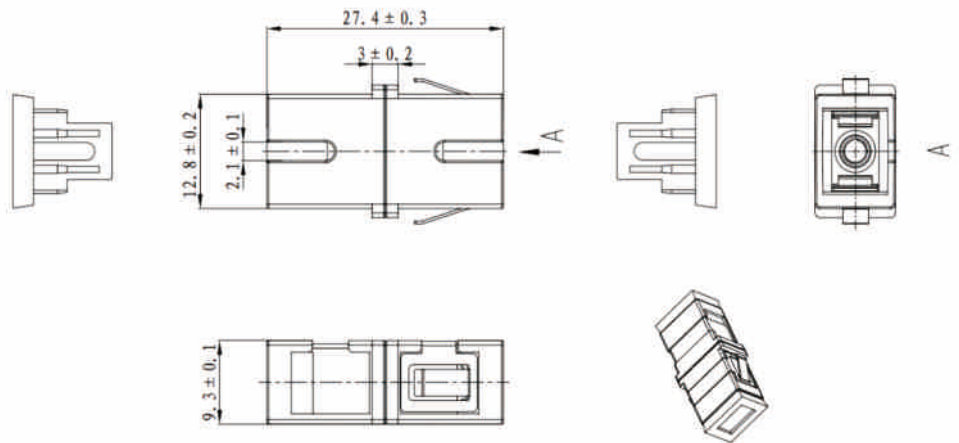
## SC FIBER OPTIC ADAPTER WITHOUT FLANGE



SC/APC-SM-SX Adapter



SC/UPC-SM-SX Adapter



## SC FIBER OPTIC ADAPTER SERIES



# LC FIBER OPTIC ADAPTER

Fiber Optic Adapter



LC/UPC-SM-DX Adapter



LC/APC-SM-DX Adapter



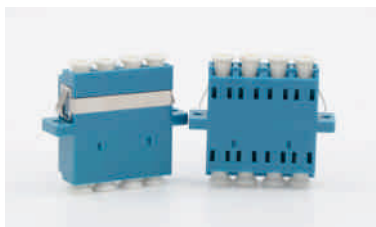
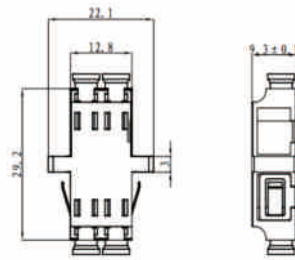
LC/UPC-MM-DX Adapter



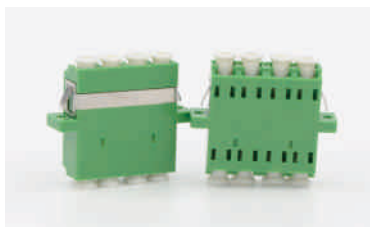
LC/UPC-OM3-DX Adapter



LC/UPC-OM4-DX Adapter



LC/UPC-SM-Quad Adapter



LC/APC-SM-Quad Adapter



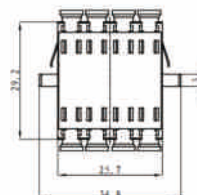
LC/APC-MM-Quad Adapter



LC/UPC-OM3-Quad Adapter



LC/UPC-OM4-Quad Adapter



# OPTIC FIBER PASSIVE SERIES

## LC FIBER OPTIC ADAPTER WITHOUT FLANGE



LC/APC-SM-DX Adapter



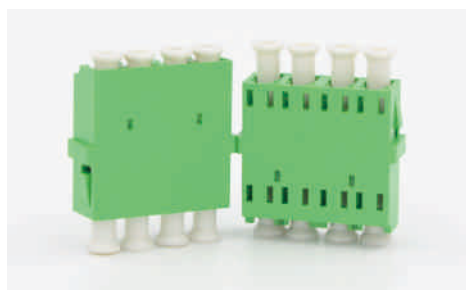
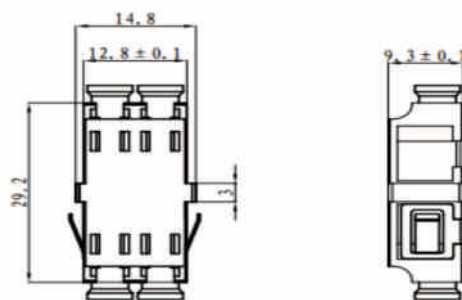
LC/UPC-SM-DX Adapter



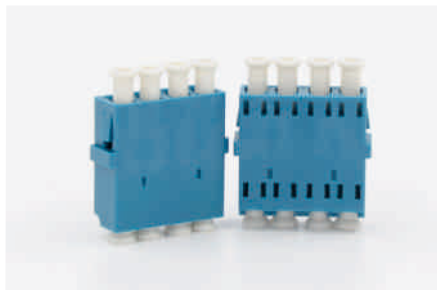
LC/UPC-MM-DX Adapter



LC/UPC-OM3-DX Adapter



LC/APC-SM-Quad Adapter



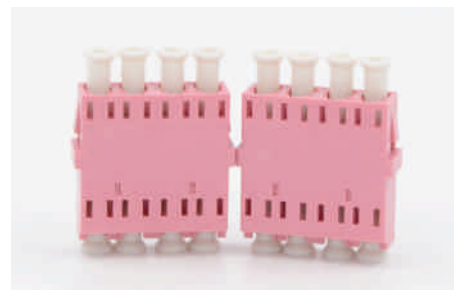
LC/UPC-SM-Quad Adapter



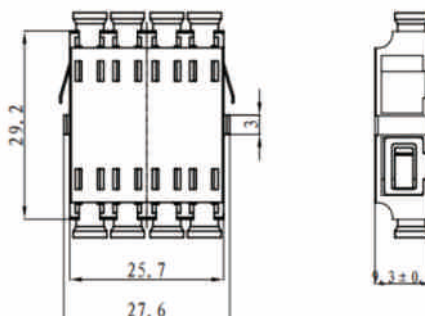
LC/UPC-MM-Quad Adapter



LC/UPC-OM3-Quad Adapter



LC/UPC-OM4-Quad Adapter







# FC FIBER OPTIC ADAPTOR



FC SX Big D-Type Adaptor



FC SX Adaptor With Square Flange



FC SX Adaptor With Rectangle Flange



FC SX Small D-Type Adaptor



FC SX Adaptor With Oval Flange



FC DX Adaptor With Rectangle Flange



FC SX Adaptor With Square Flange



FC SX Adaptor With Rectangle Flange



FC SX Adaptor With Square Flange



FC SX Small D-Type Adaptor



FC SX Adaptor With Rectangle Flange



FC SX Adaptor With Oval Flange



FC SX Adaptor With Square Flange



FC Big D-Type Adaptor



FC Small D-Type Adaptor

# OPTIC FIBER PASSIVE SERIES

## ST FIBER OPTIC ADAPTER



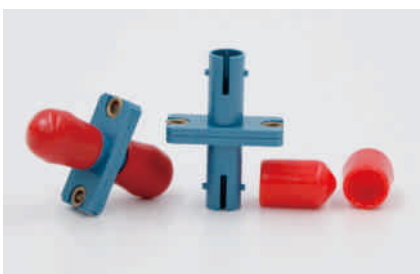
ST/UPC-MM-SX Adapter



ST/UPC-MM-DX Adapter



ST/UPC-SM-SX Adapter



ST/UPC-SM-SX Adapter



ST/UPC-SM-SX Adapter



ST/UPC-SM-SX Adapter



ST/UPC-MM-DX Adapter

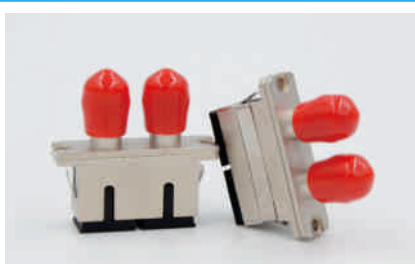


ST/UPC-MM-SX Adapter

## HYBRID ADAPTER



FC-ST Hybrid Adapter



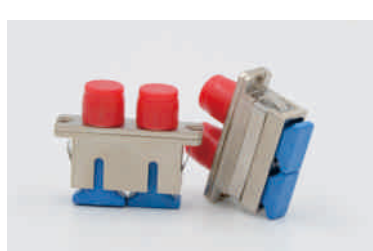
SC-ST DX Hybrid Adapter



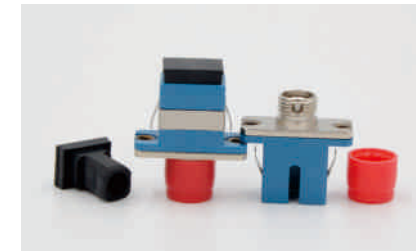
ST-FC DX Hybrid Adapter



ST-FC Hybrid Adapter



SC-FC DX Hybrid Adapter



SC-FC Hybrid Adapter

# HYBRID ADAPTER



LC-SC Hybrid Adapter



FC-SC Hybrid Adapter



FC-SC Hybrid Adapter



LC-SC DX Hybrid Adapter



LC-ST Hybrid Adapter



LC-ST DX Hybrid Adapter



LC-FC Hybrid Adapter



LC-FC Hybrid Adapter



LC-FC DX Hybrid Adapter



LC-E2000 Hybrid Adapter



E2000-FC Hybrid Adapter



SC-LC Hybrid Adapter



SC-LC Hybrid MM Adapter



SC-LC Hybrid MM Adapter



SC-LC Hybrid OM3 Adapter

# OPTIC FIBER PASSIVE SERIES

## HYBRID ADAPTER



LC-SC Hybrid Adapter



LC-SC DX Hybrid Adapter



SC-ST Hybrid Adapter



SC-ST MM Hybrid Adapter



SC-ST DX Hybrid Adapter



SC-FC Hybrid Adapter



FC-LC Hybrid Adapter



ST-LC MM Hybrid Adapter



ST-SC MM Hybrid Adapter



ST-FC Hybrid Adapter



FC-LC MM Hybrid Adapter



ST-SC MM Hybrid Adapter

## FIBER OPTIC ADAPTER



MU Adapter



MTRJ Adapter



SC APC Bare adapter



ST PC Bare adapter

# FIBER OPTIC ATTENUATOR



LC UPC Fiber Optical Attenuator



LC UPC Fiber Optical Attenuator



FC UPC Fiber Optical Attenuator



LC APC Fiber Optical Attenuator



MU Fiber Optical Attenuator



SC UPC Fiber Optical Attenuator



ST UPC Fiber Optical Attenuator



FC UPC Fiber Optical Attenuator



E2000 Fiber Optical Attenuator



LC APC Fiber Optical Attenuator



SC APC Fiber Optical Attenuator



FC APC Fiber Optical Attenuator



E2000/APC Fiber Optical Attenuator



E2000/UPC Fiber Optical Attenuator



LC UPC Fiber Optical Attenuator



SC UPC Fiber Optical Attenuator



FC Adjustable Attenuator



FC-SC Adjustable Attenuator



LC Adjustable Attenuator



SMA Adjustable Attenuator



ST Adjustable Attenuator



SC Adjustable Attenuator



LC/UPC Inline Adjustable Attenuator



SC/UPC Inline Adjustable Attenuator

# OPTIC FIBER PASSIVE SERIES

## PLC SPLITTER



1x2 PLC Splitter



1x4 PLC Splitter



1x8 PLC Splitter



1x16 PLC Splitter



ABS Box Type PLC Splitter 1x4



ABS Box Type PLC Splitter 1x6



ABS Box Type PLC Splitter 1x8



ABS Box Type PLC Splitter 1x16

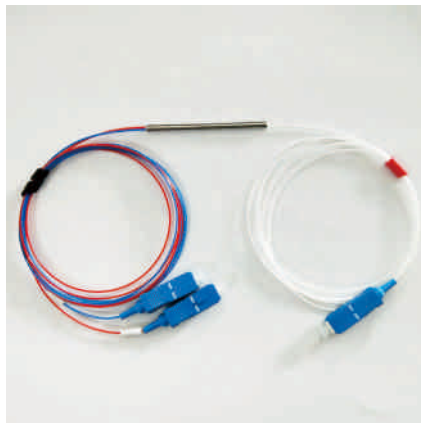
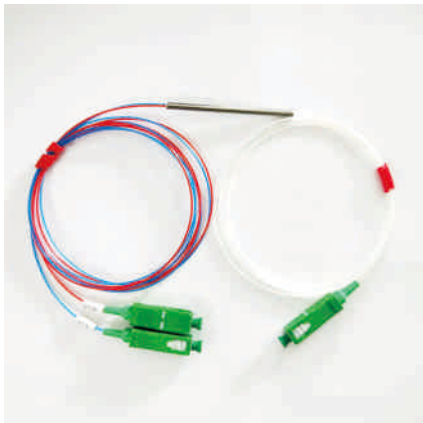


ABS Box Type PLC Splitter 1x32

### Description

The PLC Splitters is branching devices that is used to distribute optical signals to multiple locations for processing. In optical networks, it is often necessary to split an optical signal into many identical signals, or to combine many signals into a single signal. PLC Splitter (Planar lightwave circuit splitter) is a type of optical power management device that is fabricated using silica optical waveguide technology. They are designed for FTTx Passive Optical Networks, CWDM, DWDM and optical cable TV System. PLC Splitter is responsible to distribute optical signals from Central Office (CO) to multiple premise locations. We provides whole series of  $1 \times N$  and  $2 \times N$  splitter products that are tailored for specific applications.

## FBT 1x2 SPLITTER



# ABS BOX TYPE PLC SPLITTER



LGX Type PLC Splitter 1x2



LGX Type PLC Splitter 1x4



LGX Type PLC Splitter 1x8



LGX Type PLC Splitter 1x16



LGX Type PLC Splitter 1x32



LGX Type PLC Splitter 1x64

# SPLITTER CHASSIS



ODF-12LGX

## Features

Frame size: 482X230X133mm  
Splitter box Size: 129\*100\*29mm



## Features

Can put 16pcs plastic LGX box in it  
size: 430 \*220 \*176mm

# OPTIC FIBER PASSIVE SERIES

## SC FAST CONNECTOR

Fiber Optical Fast Connector



SC/APC Fast Connector TypeA



SC/UPC Fast Connector TypeA



SC/APC Fast Connector TypeB



SC/UPC Fast Connector TypeB



SC/APC Fast Connector TypeC



SC/UPC Fast Connector TypeC



SC/APC Fast Connector TypeD



SC/UPC Fast Connector TypeD



SC/APC Fast Connector TypeE



SC/UPC Fast Connector TypeE



SC/APC Fast Connector TypeF



SC/UPC Fast Connector TypeF



SC/APC Fast Connector TypeG



SC/UPC Fast Connector TypeG



SC/APC Fast Connector TypeH



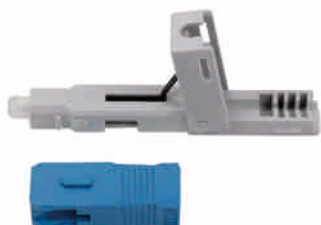
SC/UPC Fast Connector TypeH



# SC FAST CONNECTOR



SC/APC Fast Connector Type I



SC/UPC Fast Connector Type I



ES250D APC Fast Connector



ES250D/UPC Fast Connector

# LC FAST CONNECTOR



LC/UPC Fast Connector Type A



LC/APC Fast Connector Type A



LC/UPC Fast Connector Type B



LC/APC Fast Connector Type B



LC/UPC Fast Connector Type C



LC/APC Fast Connector Type C

# OPTIC FIBER PASSIVE SERIES

## SC FUSION SPLICE FAST CONNECTOR



SC/APC Field Assembly Fusion splice

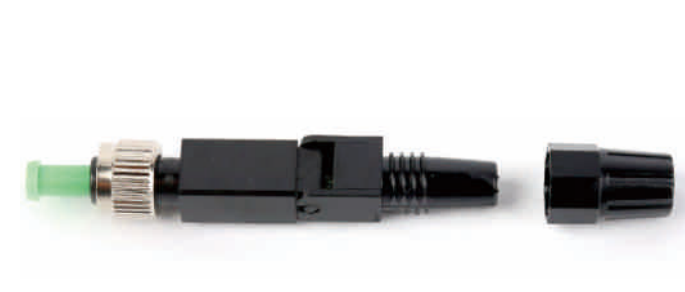


SC/UPC Field Assembly Fusion splice



FC/UPC Field Assembly Fusion splice

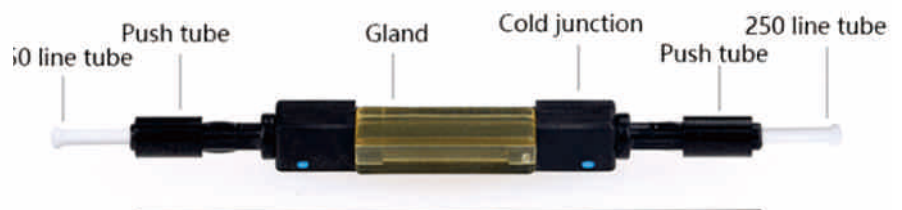
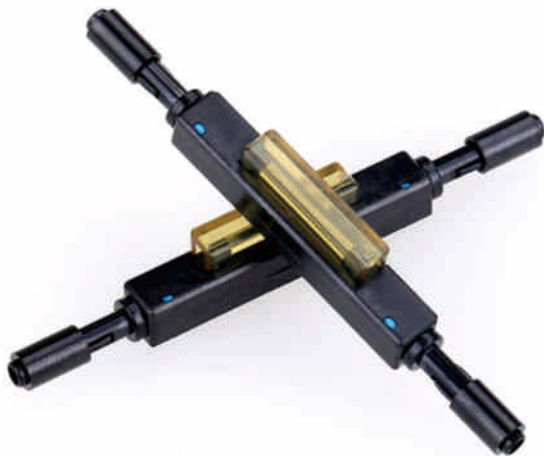
## FC FAST CONNECTOR



# L925B MECHANICAL SPLICE

## Description

Be applied to connect  $\phi 0.25$ -- $\phi 0.9$  fiber/cable; take advantage of mature V-groove technologies, suitable for single mode and multimode; No fixture, operation time less than 1 minute; better performance than the imported products.



## Application

1. Test Equipment
2. Telecommunication Networks
3. Local Area Networks (LANs)
4. Data Processing Networks
5. Premise Installations
6. Wide Area Networks (WANs)



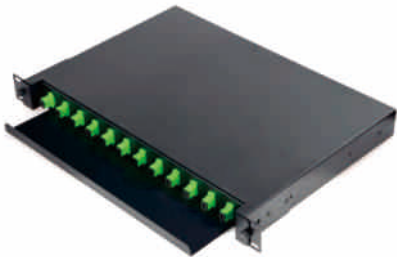
## specifaction

Applicable for	$\phi 0.25$ mm & $\phi 0.90$ mm fiber
Size	45*4.2*4.7mm
Optical fiber diameter	125 $\mu$ m ( 652 & 657 )
Tight buffer diameter	250 $\mu$ m & 900 $\mu$ m
Applicable mode	single & multimode
Operation time	about 10s (without fiber cut)
Insert loss	$\leq 0.25$ dB (1310nm & 1550nm)
Return loss	$\leq -45$ dB
Fastening strength of naked fiber	>5 N
Clamping force of fiber with tight buffer	>8 N
Using temperature	-40~+75 $^{\circ}$ C
Reusability(10 times)	$\Delta$ IL $\leq 0.2$ dB $\Delta$ RL $\leq 5$ dB

# OPTIC FIBER PASSIVE SERIES

## SLIDABLE RACK MOUNTED PATCH PANEL

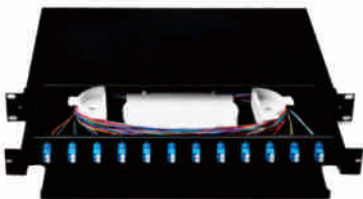
**DTLPP- RS-12A-SC**



**Specification**

Module No.	DTLPP-RS-12A-SC
Size	480X300X44.5 mm
Product Height	1U
Port	12PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	4.3kg

**DTLPP-RS-12A-LC**



**Specification**

Module No.	DTLPP-RS-12A-LC
Size	480X300X44.5mm
Product Height	1U
Port	12PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	4.5kg

**DTLPP-RS-24A**



**Specification**

Module No.	DTLPP-RS-24A
Size	480X300X44.5 mm
Product Height	1U
Port	24PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	5kg

**DTLPP-RS-48A**



**Specification**

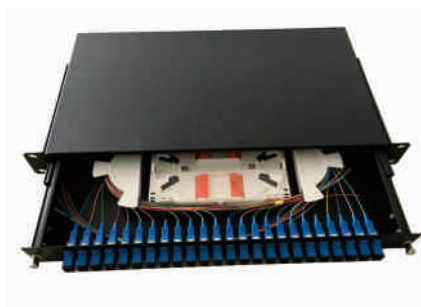
Module No.	DTLPP-RS-48A
Size	480X300X89 mm
Product Height	2U
Port	48PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	6.9kg

# SLIDABLE RACK MOUNTED PATCH PANEL

**DTLPP- RS-24B-1**



**DTLPP- RS-24B-2**



**DTLPP- RS-48B**



**DTLPP- RS-96B**



## Specification

Module No.	DTLPP-RS-24B-1
Size	485X250X44. 5mm
Product Height	1U
Port	24PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	4.3 kg

## Specification

Module No.	DTLPP-RS-24B-2
Size	485X250X44. 5mm
Product Height	1U
Port	24PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	4.4kg

## Specification

Module No.	DTLPP-RS-48B
Size	485X250X89mm
Product Height	2U
Port	48PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	6.9kg

## Specification

Module No.	DTLPP-RS-96B
Size	485X250X178mm
Product Height	4U
Port	96PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	8kg

# OPTIC FIBER PASSIVE SERIES

## SLIDABLE RACK MOUNTED PATCH PANEL

**DTLPP- RS-24C**



### Specification

Module No.	DTLPP-RS-24C
Size	482X230X44.5mm
Product Height	1U
Port	24PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	3. 8kg

**DTLPP- RS-48C**



### Specification

Module No.	DTLPP-RS-48C
Size	482X230X89 mm
Product Height	2U
Port	48PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	5kg

**DTLPP- RS-24D**



### Specification

Module No.	DTLPP-RS-24D
Size	480X300X44. 5mm
Product Height	1U
Port	24PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	3. 8kg

**DTLPP- RS-48D**



### Specification

Module No.	DTLPP-RS-48D
Size	480X300X89 mm
Product Height	2U
Port	48PCS
Connector	SC/LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	5kg



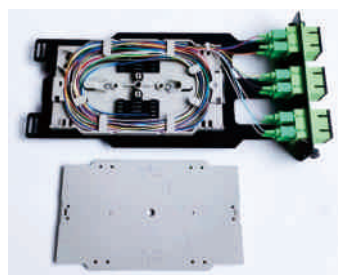
# SLIDABLE RACK MOUNTED PATCH PANEL

## DTLPP- RS-144D

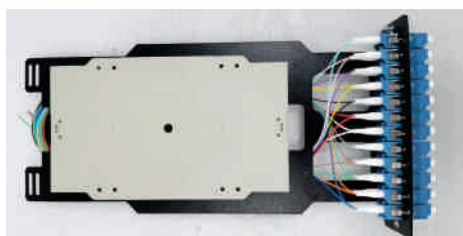
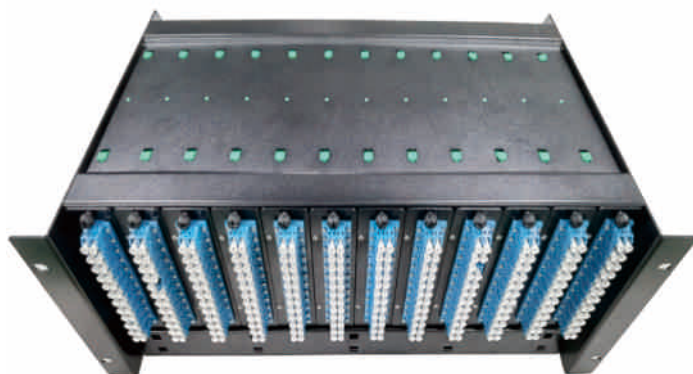


### Specification

Module No.	DTLPP-RS-144D
Size	510*410*220 mm
Product Height	4U
Port	144PCS
Connector	SC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	10 kg

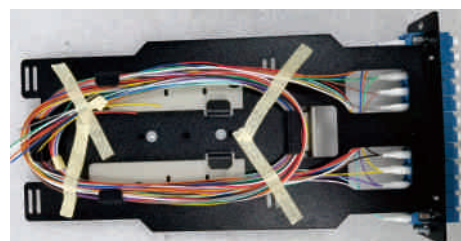


## DTLPP- RS-288D



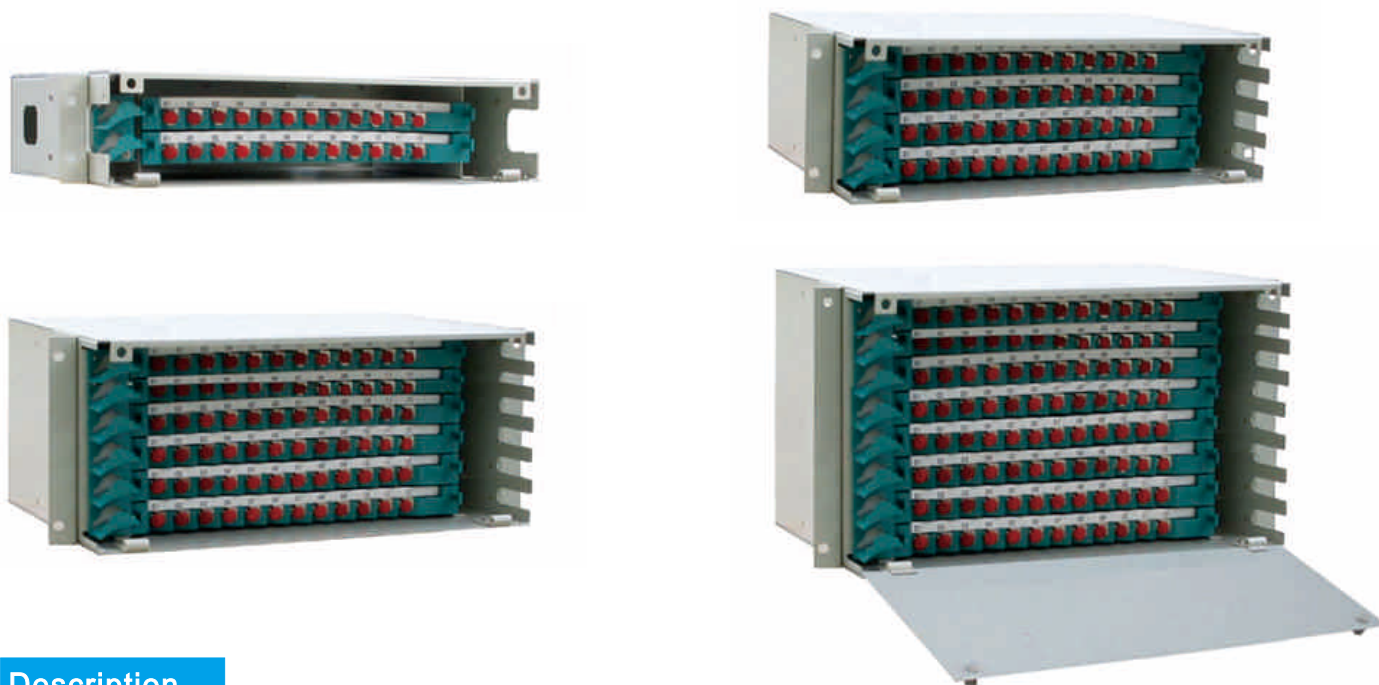
### Specification

Module No.	DTLPP-RS-288D
Size	510*410*220 mm
Product Height	4U
Port	288PCS
Connector	LC
Material	Cold rolled plate
Installation Type	19 inch frame
Weight	10 kg



# OPTIC FIBER PASSIVE SERIES

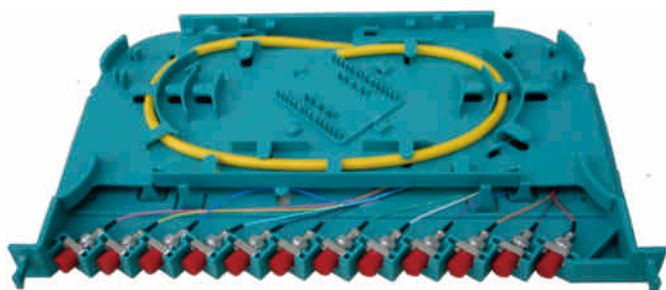
## DRAWER TYPE ODF



### Description

Model	(mm) Net size	(mm) Inner carton dimension	(kg) Inner carton weight	(mm) Outer carton dimension	(kg) Outer carton weight	(pcs) No of units per carton
GB -B-24	480*300*2U	450*320*110	5.7	475*340*480	24kg	4
GB -B-48	480*300*3U	475*335*170	7.7	500*350*540	24kg	3
GB -B-72	480*300*4U	470*335*220	9.8	500*350*460	21.1kg	2
GB -B-96	480*300*6U	470*335*290	13.7	500*350*460	28.9kg	2

### Welding & distribution module in integration



### Description

Material: ABS  
Weight: 0.5kg  
Dimension: 340\*200\*25mm



# SWING TYPE PATCH PANEL

**DTLPP-SW-Black**



**DTLPP-SW-White**



**DTLPP-SW-Beige**



**Specification**

Module No.	DTLPP-SW-Black
Size	465X330X44.5mm
Product Height	1U
Port	24PCS
Connector	SC/LC
Material	Cold rolled plate
Weight	5kg

**Specification**

Module No.	DTLPP-SW-White
Size	465X330X44.5mm
Product Height	1U
Port	24PCS
Connector	SC/LC
Material	Cold rolled plate
Weight	5kg

**Specification**

Module No.	DTLPP-SW-Beige
Size	465X330X44.5mm
Product Height	1U
Port	24PCS
Connector	SC/LC
Material	Cold rolled plate
Weight	5kg

**Description**

- 1.Cold-rolled steel material
- 2.12,24,48 cores and 1U,2U height
- 3.FC, LC, SC, ST adapter optional
- 4.Standard size, light weight
- 5.Manufacturer
- 6.OEM/ODM service

**Features**

- 1.Standard size, light weight and reasonable structure
- 2.Swing type for easy cable management
- 3.Suitable for ribbon and single fiber
- 4.Compact design for space saving
- 5.Various panel plate to fit different adapter interface
- 6.Front mark on the plate is easy for identification and operation
- 7.Easy for management and operation

# OPTIC FIBER PASSIVE SERIES

## FIXED TYPE PATCH PANEL

DTLPP-FX-12A



DTLPP-FX-24A



DTLPP-FX-48A



DTLPP-FX-24B



DTLPP-FX-24C



DTLPP-FX-24D



### Description

Fixed Type of Rack Mounted Standard Fiber Terminal Box provides maximum port number of 6, 12, 18, 24 or 48 ports. It is suitable for the use in telecommunication network, central office optical cable system and premise fiber network. One cabinet design provides OSP cable fibers and pigtail splicing, patch cords termination and storage. Each Terminal Box is fully loaded with panels, adaptors, splices trays and accessories and is ready for installation.

### Features

- 19" Rack, Cabinet Mountable
- One cabinet design provides OSP cable fiber and pigtail splicing, patch cord termination and storage
- FC/SC/ST/Other adaptors all is available

### Application

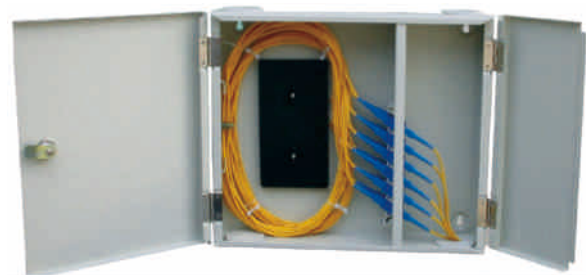
- Local Area Network
- CATV Network
- FTTx System
- Wide Area Network
- Test Instruments

# INDOOR WALL-MOUNTED PATCH PANEL

GP(05)A



GP(05)C-SC12



GP(05)D-SC24



GP(05)D-ST24



## Features

1. Available for small capacity communication system, wall mounting, reasonable and compact structure, harmonized with machine room
2. The cabinet is composed of two parts, one links with optical cables for fusion connection between optical cable and fiber pigtail and another links with patch cord.
3. Provide fusion and storage appliance for optical cables
4. Reliable protection appliance of fixing, stripping and earthing for optical cables.
5. Whole range protected design for fiber lay to ensure the bending radius=40mm
6. Provide various accessories to avoid any unexpected damage to the fiber

## Description

Type	Dimension(mm)	Max capacity cores	Remark
GP(05)A-24	455*405*80	24	The case body is made of cold rolled steel sheet, electrostatic spraying. Provide 24-72 adaptors, available for FC, ST, SC, LC . Fit for wall mounting
GP(05)A-48	455*405*120	48	
GP(05)A-72	455*405*150	72	
GP(05)B-48	455*405*120	48	The case body is made of cold rolled steel sheet, electrostatic spraying. Provide 48-72 adaptors, available for FC, ST, SC, LC . Fit for wall mounting
GP(05)B-72	455*405*150	72	
GP(05)A-24A	350*350*80	24	The case body is made of cold rolled steel sheet, electrostatic spraying. Provide 12-24 adaptors, available for FC, ST, SC, LC . Fit for wall mounting
GP(05)C-FC12	350*300*80	12	
GP(05)C-SC12		24	
GP(05)D-FC24			
GP(05)D-SC24			

# OPTIC FIBER PASSIVE SERIES

## OUTDOOR WALL-MOUNTED TYPE

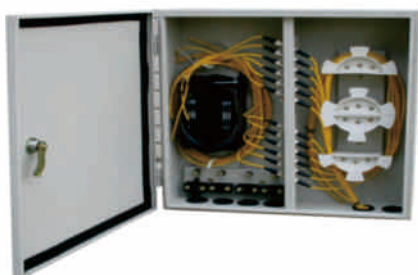
### DTLPP-OW



### Description

DTL-OW12, 12 Cores, Outdoor wall mount patch panel, Dimension: 305*305*55mm
DTL-OW24, 24 Cores, Outdoor wall mount patch panel, Dimension: 390*360*70mm
DTL-OW36, 36 Cores, Outdoor wall mount patch panel, Dimension: 400mm*400mm*100mm
DTL-OW48, 48 Cores, Outdoor wall mount patch panel, Dimension: 400mm*400mm*100mm
DTL-OW72, 72 Cores, Outdoor wall mount patch panel, Dimension: 400*450*125mm
DTL-OW96, 96 Cores, Outdoor wall mount patch panel, Dimension: 550*450*160mm

### GP(05)-B



### Description

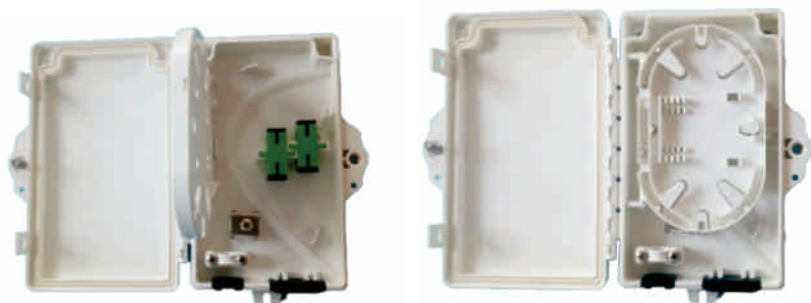
12 Cores Outdoor wall mount patch panel, without pigtailed or adapters, Dimension: 455*405*80mm
24 Cores Outdoor wall mount patch panel without pigtailed or adapters, Dimension: 455*405*80mm
48 Cores Outdoor wall mount patch panel, without pigtailed or adapters, Dimension: 455*405*120mm
72 Cores Outdoor wall mount patch panel, without pigtailed or adapters, Dimension: 455*405*150mm
96 Cores Outdoor wall mount patch panel, without pigtailed or adapters, Dimension: 600*500*190mm

### Features

1. Available for small capacity communication system, wall mounting, reasonable and compact structure, harmonized with machine room
2. The cabinet is composed of two parts, one links with optical cables for fusion connection between optical cable and fiber pigtail and another links with patch cord.
3. Provide fusion and storage appliance for optical cables
4. Reliable protection appliance of fixing, stripping and earthing for optical cables.
5. Whole range protected design for fiber lay to ensure the bending radius=40mm
6. Provide various accessories to avoid any unexpected damage to the fiber

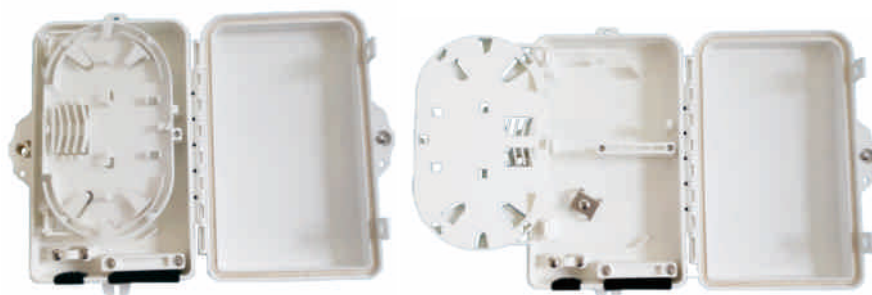


# TERMINAL BOX



### Specification

Module No:DTLTB-02A  
Core : 2 cores  
Size:205\*140\*40mm



### Specification

Module No:DTLTB-04A  
Core : 4 cores  
Size:205\*140\*40mm



### Specification

Module No:DTLTB-06A  
Core : 6 cores  
Size:205\*140\*40mm

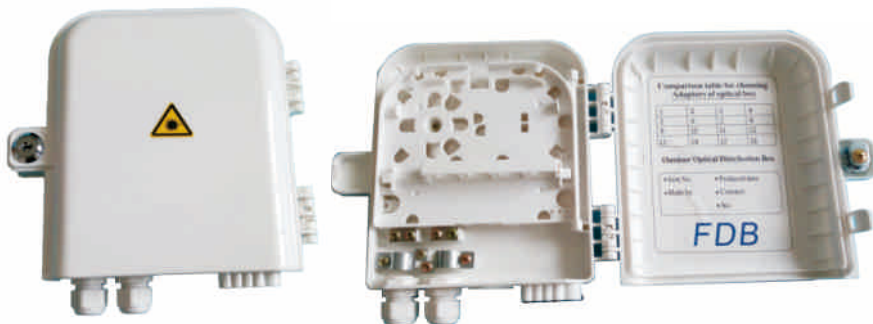


### Specification

Module No:DTLTB-8A  
Core : 8 cores  
Size:213\*163\*47mm

# OPTIC FIBER PASSIVE SERIES

## TERMINAL BOX



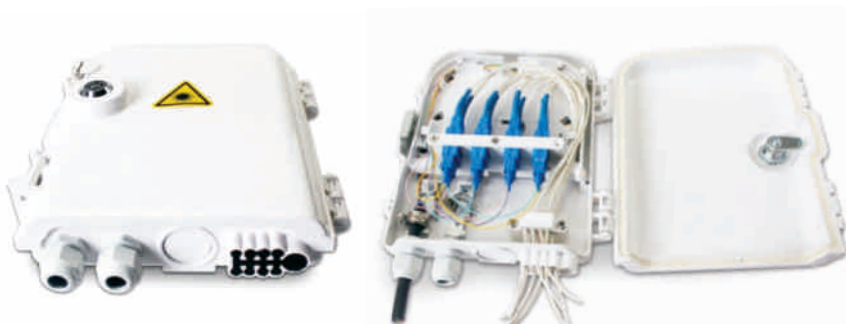
### Specification

Module No:DTLTB-08B  
Core : 8 cores  
Size:225\*220\*55mm



### Specification

Module No:DTLTB-08C  
Core : 8 cores  
Size:200\*160\*47mm



### Specification

Module No:DTLTB-8D  
Core : 8 cores  
Size:245\*203\*69mm



### Specification

Module No:DTLTB-8E  
Core : 8 cores  
Size:340\*215\*120mm



# TERMINAL BOX



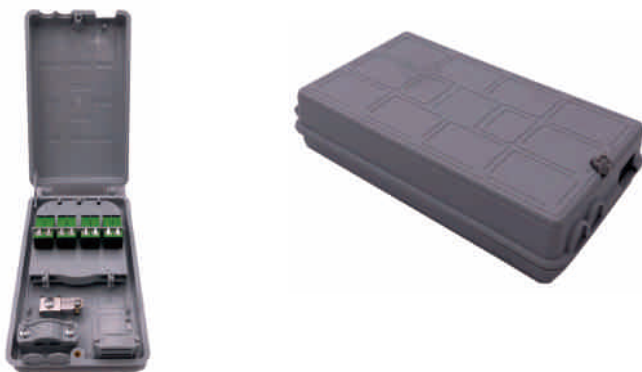
### Specification

Module No:DTLTB-8F  
Core: 8 cores  
Size:225\*220\*55mm



### Specification

Module No:DTLTB-8G  
Core: 8 cores  
Size:235\*125\*50mm



### Specification

Module No:DTLTB-8H  
Core: 8 cores  
Size:225\*225\*55mm



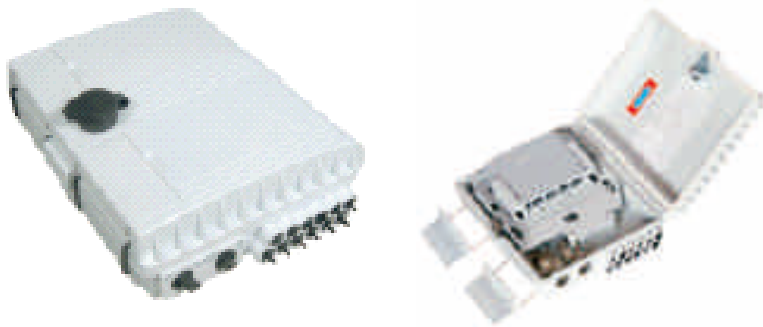
### Specification

Module No:DTLTB-8I  
Core: 8 cores  
Size:250\*200\*55mm

# OPTIC FIBER PASSIVE SERIES

## TERMINAL BOX

Fiber Optical Terminal Box



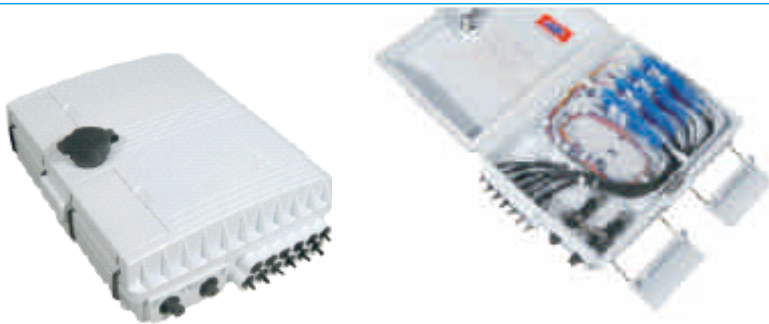
### Specification

Module No:DTLTB-12A  
Core : 12 cores  
Size:250\*200\*72mm



### Specification

Module No:DTLTB-12B  
Core : 12 cores  
Size:225\*200\*65mm



### Specification

Module No:DTLTB-12C  
Core : 12 cores  
Size:250\*200\*72mm



### Specification

Module No:DTLTB-12D  
Core : 12 cores  
Size:240\*205\*60mm



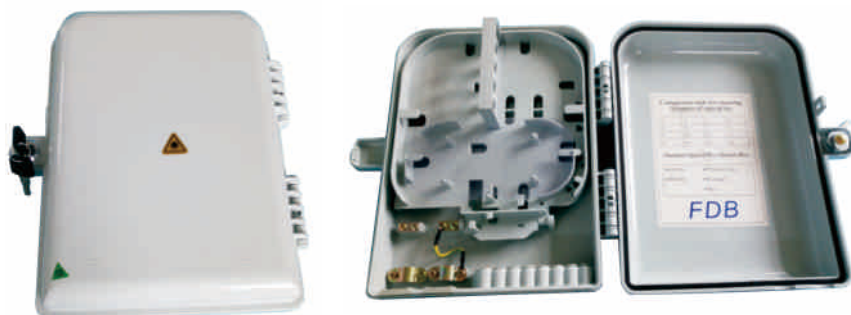


# TERMINAL BOX



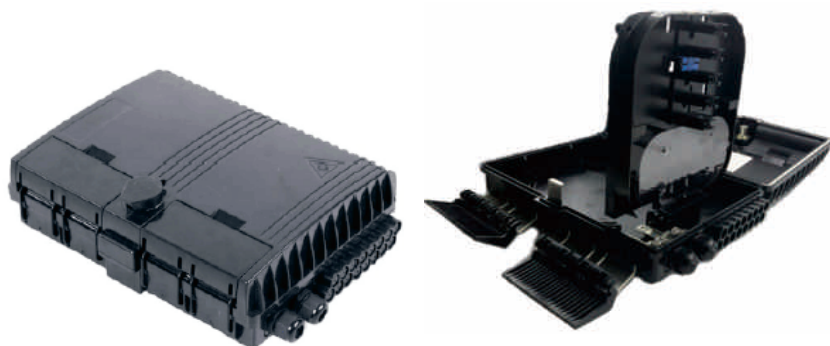
### Specification

Module No:DTLTB-12E  
Core : 12cores  
Size:H\*D(mm)550\*230mm



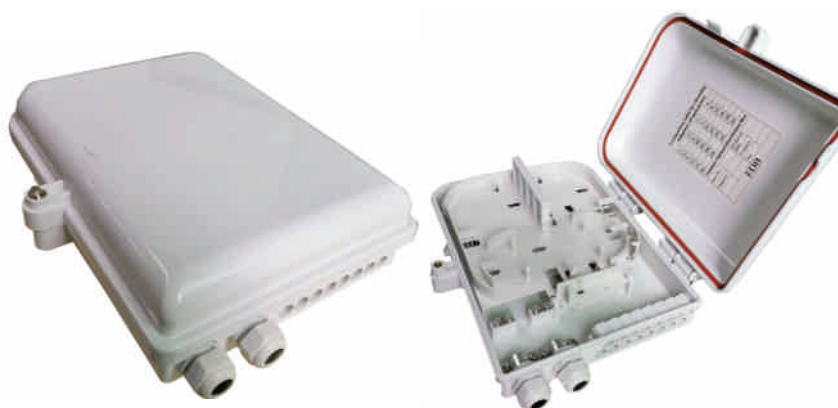
### Specification

Module No:DTLTB-16A  
Core : 16 cores  
Size:300\*267\*80mm



### Specification

Module No:DTLTB-16B  
Core : 16 cores  
Size:315\*235\*95mm



### Specification

Module No:DTLTB-12C  
Core : 16 cores  
Size:325\*265\*100mm

# OPTIC FIBER PASSIVE SERIES

## TERMINAL BOX



### Specification

Module No:DTLTB-16D  
Core: 16 cores  
Size:315\*267\*80mm



### Specification

Module No:DTLTB-16E  
Core: 16 cores  
Size:292\*218\*83mm



### Specification

Module No:DTLTB-16F  
Core: 16 cores  
Size:300\*230\*75mm



### Specification

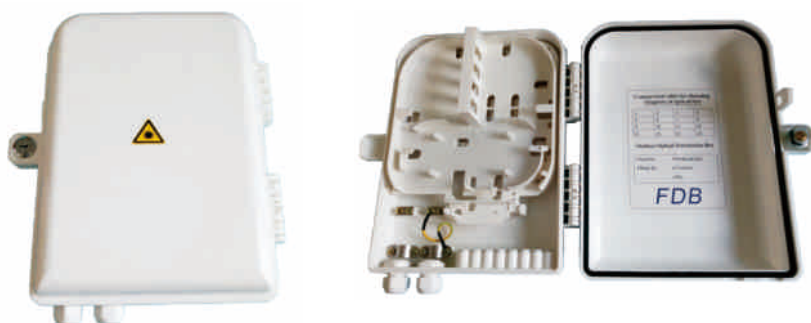
Module No:DTLTB-16G  
Core: 16 cores  
Size:300\*230\*75mm

# TERMINAL BOX



## Specification

Module No:DTLTB-16H  
 Core: 16 cores  
 Size:220\*140\*55mm



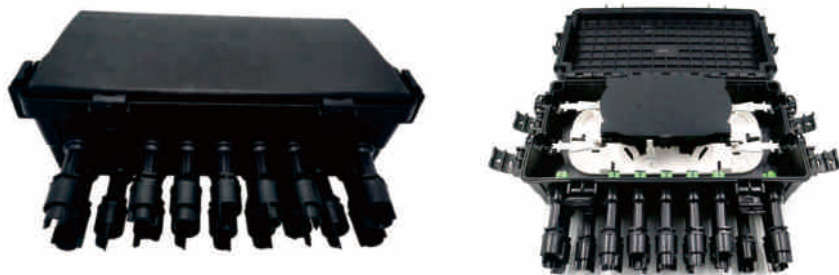
## Specification

Module No:DTLTB-16I  
 Core: 16 cores  
 Size:316\*267\*80mm



## Specification

Module No:DTLTB-16J  
 Core: 16 cores  
 Size:316\*250\*126mm



## Specification

Module No:DTLTB-K  
 Core: 16 cores  
 Size:359\*277\*120mm

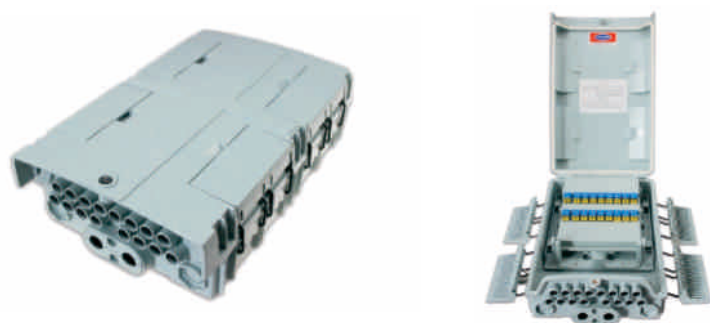
# OPTIC FIBER PASSIVE SERIES

## TERMINAL BOX



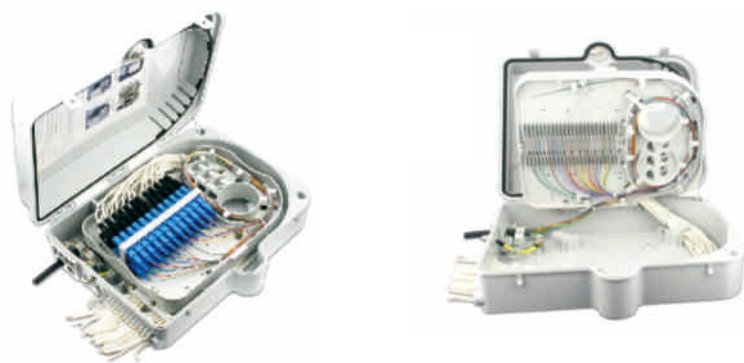
### Specification

Module No:DTLTB-16L  
Core : 16 cores  
Size:340\*220\*95mm



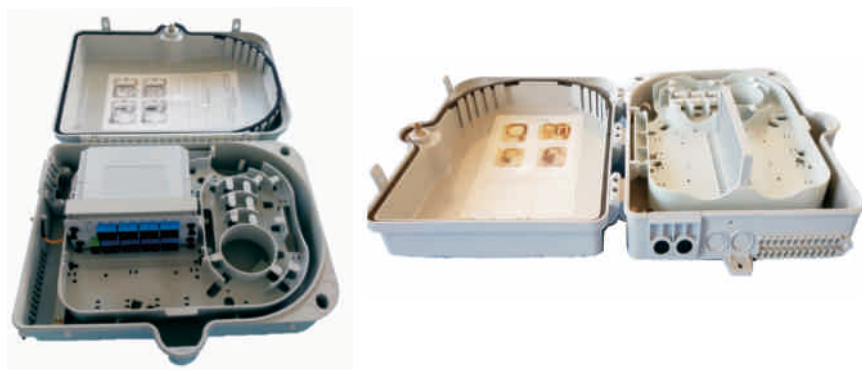
### Specification

Module No:DTLTB-16M  
Core : 16 cores  
Size:340\*220\*95mm



### Specification

Module No:DTLTB-24A  
Core : 24 cores  
Size:320\*240\*100mm



### Specification

Module No:DTLTB-24B  
Core : 24 cores  
Size:315\*270\*105mm

# TERMINAL BOX



## Specification

Module No:DTLTB-24C  
 Core : 24 cores  
 Size:320\*240\*100mm



## Specification

Module No:DTLTB-24D  
 Core : 24 cores  
 Size:285\*175\*110mm



## Specification

Module No:DTLTB-24E  
 Core : 24 cores  
 Size:285\*175\*110mm

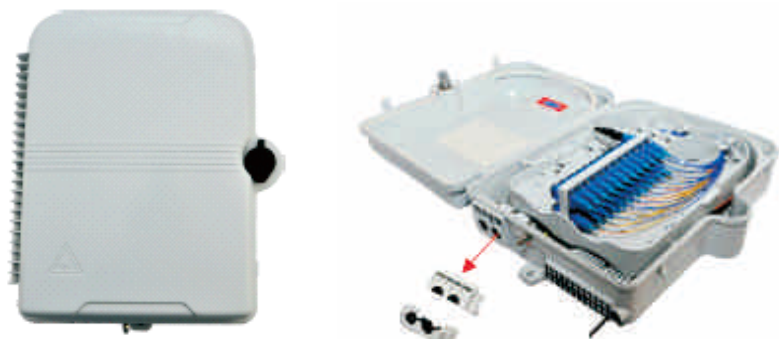


## Specification

Module No:DTLTB-24F  
 Core : 24 cores  
 Size:H\*D(mm)700\*310mm

# OPTIC FIBER PASSIVE SERIES

## TERMINAL BOX



### Specification

Module No:DTLTB-24G  
Core : 24 cores  
Size:320\*240\*100mm



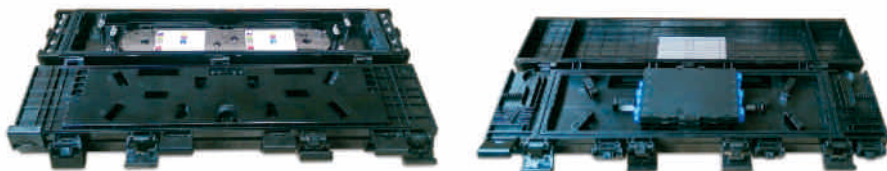
### Specification

Module No:DTLTB-24H  
Core : 24 cores  
Size:340\*250\*110mm



### Specification

Module No:DTLTB-24I  
Core : 24 cores  
Size:340\*250\*110mm



### Specification

Module No:DTLTB-24J  
Core : 24 cores  
Size:605\*1600\*88mm



# TERMINAL BOX



### Specification

Module No:DTLTB-24K  
Core : 24 cores  
Size:345\*220\*95mm



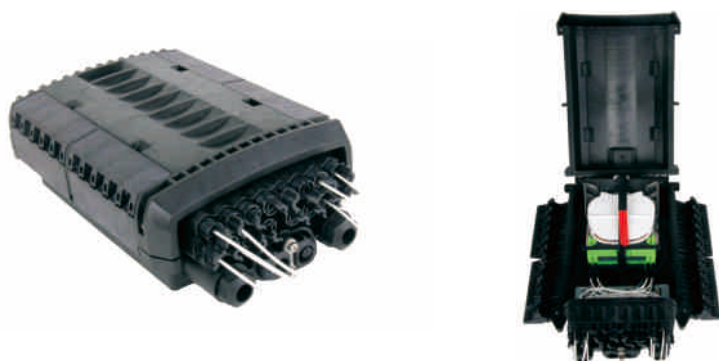
### Specification

Module No:DTLTB-24L  
Core : 24 cores  
Size:340\*220\*95mm



### Specification

Module No:DTLTB-24M  
Core : 24 cores  
Size:340\*220\*95mm



### Specification

Module No:DTLTB-24N  
Core : 24 cores  
Size:385\*245\*130mm

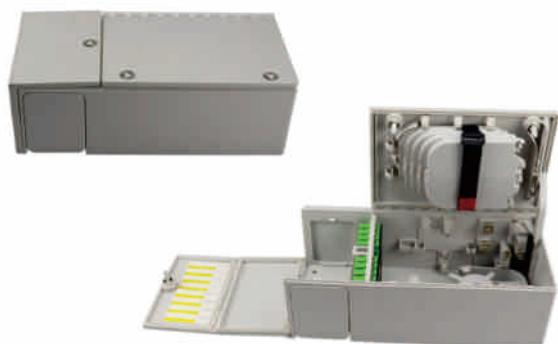
# OPTIC FIBER PASSIVE SERIES

## TERMINAL BOX



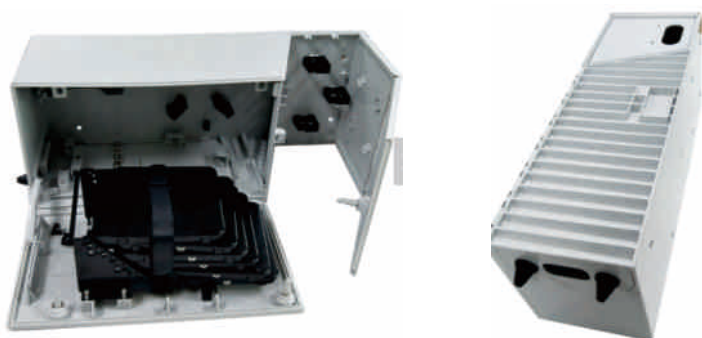
### Specification

Module No:DTLTB-24O  
Core : 24 cores  
Size:385\*245\*130mm



### Specification

Module No:DTLTB-32A  
Core : 32 cores  
Size:320\*150\*105mm



### Specification

Module No:DTLTB-48B  
Core : 48 cores  
Size:450\*180\*150mm



### Specification

Module No:DTLTB-48C  
Core : 96 cores  
Size:450\*180\*150mm



# FIBER OPTIC FACEPLATE



## Specification

Module No:FRB-1A  
Core: 1 cores  
Size:115\*85\*23mm



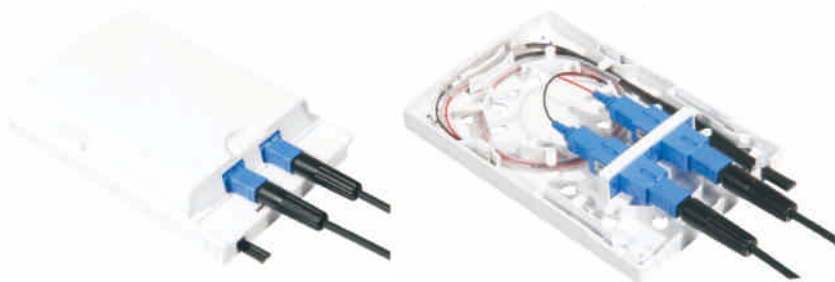
## Specification

Module No:FRB-1B  
Core: 1 cores  
Size:145\*89\*16mm



## Specification

Module No:FRB-1C  
Core: 1 cores  
Size:120\*89\*25mm



## Specification

Module No:FRB-2A  
Core: 2 cores  
Size:84\*130\*24mm

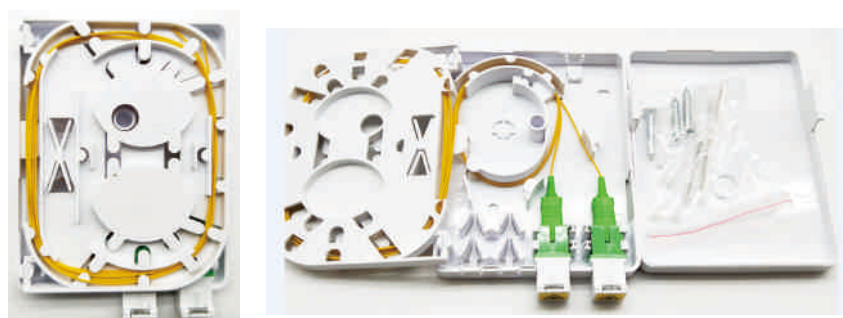
# OPTIC FIBER PASSIVE SERIES

## FIBER OPTIC FACEPLATE



### Specification

Module No:FRB-2B  
Core : 2 cores  
Size:100\*80\*23mm



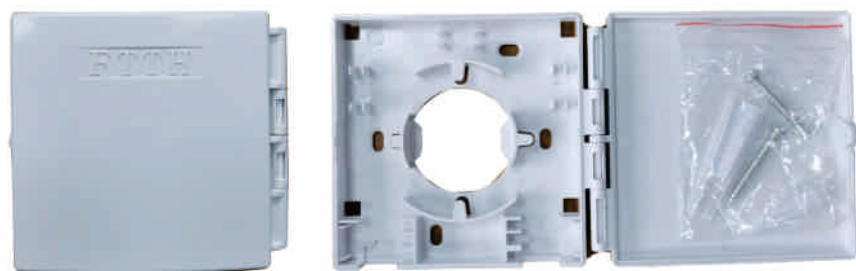
### Specification

Module No:FRB-2C  
Core : 2 cores  
Size:105\*82\*21mm



### Specification

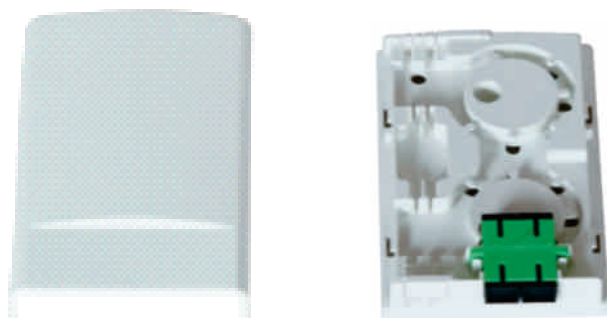
Module No:FRB-2D  
Core : 2 cores  
Size:86\*86\*24mm



### Specification

Module No:FRB-2E  
Core : 2 cores  
Size:90\*90\*16mm

# FIBER OPTIC FACEPLATE



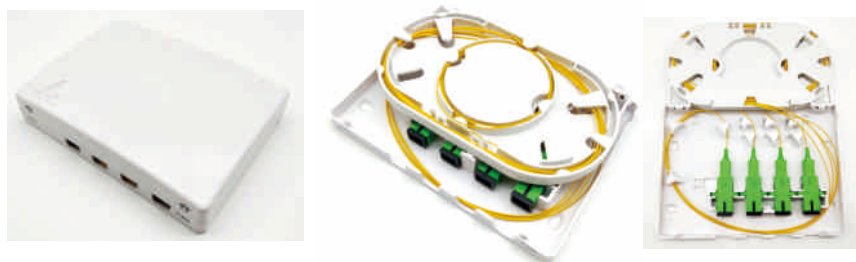
## Specification

Module No:FRB-2F  
Core : 2 cores  
Size:123\*80\*25mm



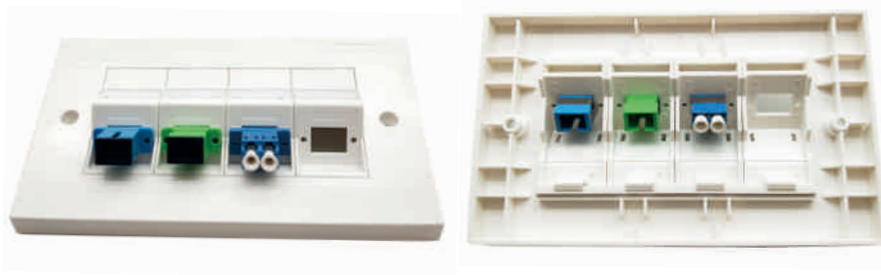
## Specification

Module No:FRB-4A  
Core : 4 cores  
Size:100.5\*80.5\*28.8mm



## Specification

Module No:FRB-4B  
Core : 4 cores  
Size:150\*110\*33mm



## Specification

Module No:FRB-4C  
Core : 4 cores  
Size:144\*84\*10

# OPTIC FIBER PASSIVE SERIES

## DOME TYPE FIBER OPTIC SPLICE CLOSURE



### Specification

Module No:DTLCE-DH1  
Core:(12-48) cores  
Size:φ178\*299mm



### Specification

Module No:DTLCE-D1  
Core:(12-48) cores  
Size:φ178\*288mm



### Specification

Module No:GPJM3-JF  
Core:(24-96) cores  
Size:φ190\*410mm



### Specification

Module No:GPJM5-JF  
Core:(24-144) cores  
Size:φ230\*435mm



# DOME & HEAT SHRINKABLE TYPE SPLICE CLOSURE



### Specification

Module No: GPJM3-RS  
Core: (24-96) cores  
Size:  $\phi$ 190\*435mm



### Specification

Module No: GPJM5-RS  
Core: (24-96) cores  
Size:  $\phi$ 210\*540mm



### Specification

Module No: DTLH02  
Core: (12-96) cores  
Size:  $\phi$ 190\*415mm



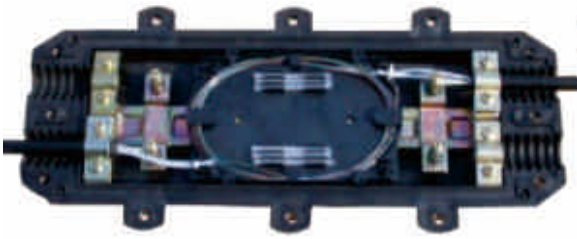
### Specification

Module No: DTLH03  
Core: (24-144) cores  
Size:  $\phi$ 230\*470mm

# OPTIC FIBER PASSIVE SERIES

## HORIZONTAL TYPE FIBER OPTIC SPLICE CLOSURE

Fiber Optical Terminal Box



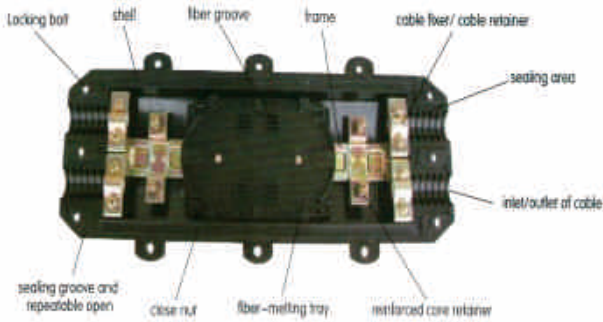
### Specification

Module No:GPJ-(04)1  
Core: (12-96) cores  
Size:435\*190\*85mm



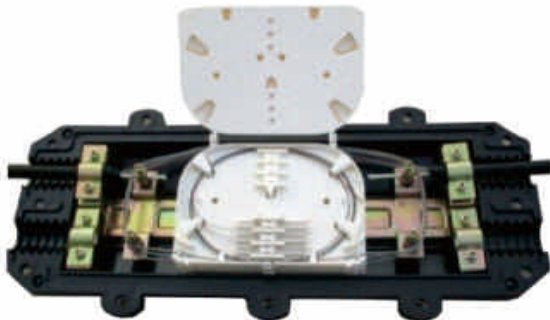
### Specification

Module No:GPJ-(04)2  
Core: (12-144) cores  
Size:435\*190\*120mm



### Specification

Module No:GPJ-(04)3  
Core: (12-96) cores  
Size:190\*410mm



### Specification

Module No:GPJ-(04)5  
Core: (12-96) cores  
Size:435\*190\*80mm



# HORIZONTAL TYPE FIBER OPTIC SPLICE CLOSURE



### Specification

Module No:GPJ-(04)5B  
Core: (12-48) cores  
Size:350\*1145\*90mm



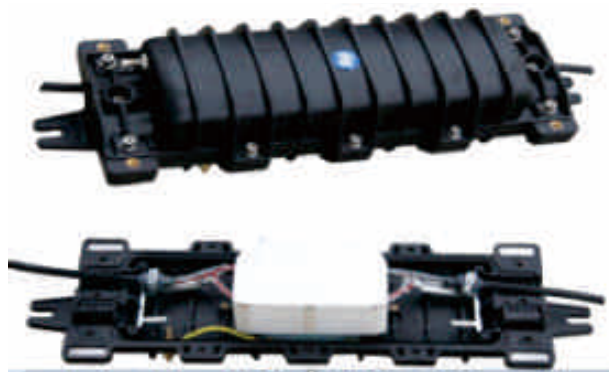
### Specification

Module No:GPJ-(04)6  
Core: (24-48) cores  
Size:390\*140\*75mm



### Specification

Module No:GPJ-(05)1  
Core: (24-96) cores  
Size:485\*165\*110mm



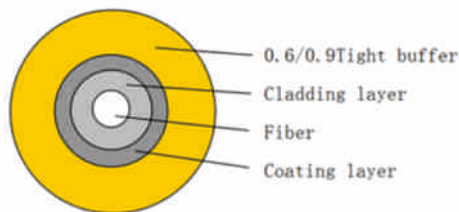
### Specification

Module No:GPJ-(05)2  
Core: 144 cores  
Size:580\*185\*125mm

# OPTIC FIBER PASSIVE SERIES

## INDOOR CABLE (Tight-buffer cable)

### 0.9mm LSZH/ PVC/ Nylon Tight Buffer Fiber



Tight-buffered fiber is the basic element of various indoor cables. Because of different buffer materials, the relevant indoor cables made out of tight-buffered fibers can meet different mechanical and environmental requirements, for example, large tensile (crush), high or low temperature, frequent bends, low smoke, no corrosive, environmental, field use, distribution cabinet (frame) and other generic use, etc.

#### Application

- Components for various indoor cables;
- Suitable for patch cords and pigtails;
- Suitable for communication equipment served.

#### Characteristics

- Soft. Easy to strip
- High quality tight buffered or Loose tube.
- Excellent mechanical and environmental performance.
- Small cable volume. Ling weight.

### 24 Core Indoor Ribbon Fiber Cable



Indoor ribbon fiber cable uses fiber ribbon(s) as optical communication medium, then warped with a layer of Dupont aramid yarn as strength member units, and the cable is completed with LSZH(Low smoke, Zero halogen, Flame-retardant)jacket.

#### Application

- Adopted to indoor distribution.
- As pigtail of communication equipment.
- Suitable for communication equipment served.

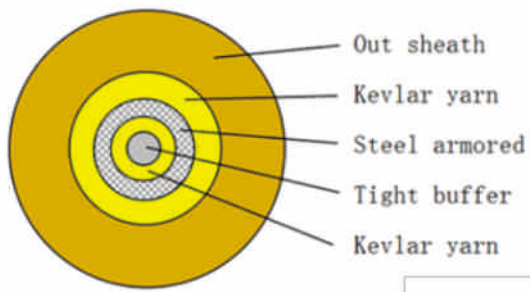
#### Characteristics

- High strength kevlar yarn member.
- High-integrated fiber ribbon design.
- Flame-retardant jacket.



## INDOOR CABLE (Simplex)

### Single Armored Fiber optical Cable for Indoor



1 fiber,  $\Phi 900\mu\text{m}$  or  $\Phi 600\mu\text{m}$  tight buffer , spiral steel armor, layer of Kevlar yarn, LSZH/ PVC/ OFNR Jacket..

#### Application

- Used in pigtailed and patch cords;
- Used in optical connections in optical communication equipment rooms and optical distribution frames;
- Used in optical connections in optical apparatus and equipments.

#### Characteristics

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meets the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

### 1 Core Multimode Kevlar Yarn Strengthen Fiber Optic Cable



Simplex indoor fiber optic cable use 0.9mm or 0.6mm as the tight buffer, then covered with kevlar yarn, which is completed with PVC, LSZH or OFNR out sheath. The diameter can be normal or customized.

#### Application

1. Adopted to indoor network.
2. As pigtail or patch cord of communication equipment.
3. Suitable for floor connection.

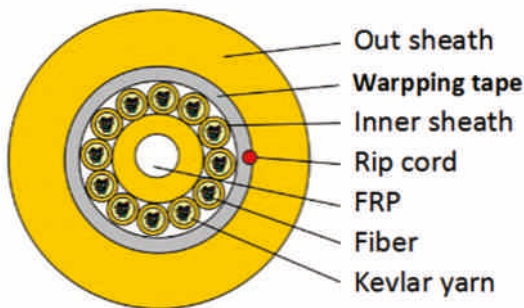
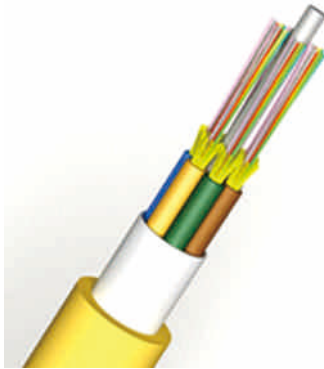
#### Characteristics

1. Fiber.
2. Kevlar yarn/loose tube.
3. Nylon.
3. LSZH sheath.

# OPTIC FIBER PASSIVE SERIES

## INDOOR CABLE (Break-out cable)

### 144F Single Mode Mini bare fiber breakout fiber optic cable



Multi Purpose Breakout cable uses bare fiber as subunit. A fiber reinforced plastic (FRP) locates in the center of core as a non-metallic strength member. The subunits are stranded around the cable core. The cable is completed with a LSZH (Low Smoke, Zero halogen, Flame-retardant) jacket.

#### Application

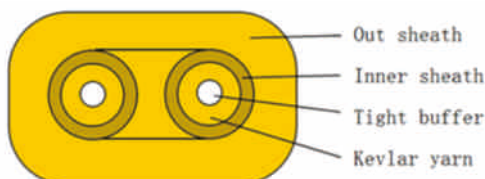
- Indoor any purpose cable distribution, Backbone distribution cable in a building.

#### Characteristics

- Stranded non-metallic strength member structure ensure the cable endure larger tensile strength
- The outer jacket material have many advantages such as anti-corrosion, anti-water, anti-ultra violet radiation, flame-retardant and harmless to environment etc.
- All dielectric structure protect it from electromagnetic influence.
- Scientific design with serious processing art.

## INDOOR CABLE (Duplex)

### 1 Core Multimode Kevlar Yarn Strengthen Fiber Optic Cable



Flat Twin Duplex Indoor Cable use 900 $\mu$ m or 600 $\mu$ m flame-retardant tight buffer fiber as optical communication medium.

The tight buffer fiber wrapped with a layer of aramid yarn as strength member units, such unit is extruded with a layer of PVC or LSZH material as inner jacket. Then the cable is completed with a layer of flat PVC or LSZH (Low smoke, Zero halogen, Flame-retardant) jacket as out sheath .

#### Application

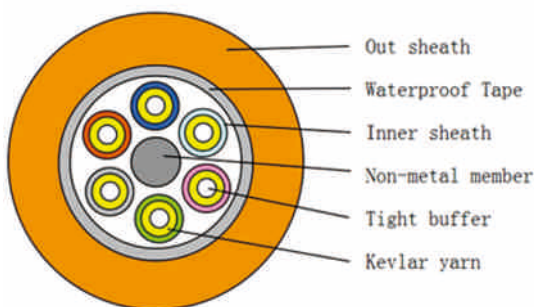
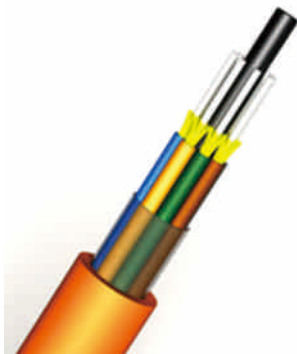
- Adopted to indoor distribution;
- As pigtail of communication equipment;
- Suitable for communication equipment;
- Can be installed conveniently.

#### Characteristics

- Two single-fiber as basic unit. flat twin configuration;
- Single-cable with 0.6 tight buffer. Kevlar yarn applied;
- Flexible or out sheath independent strength member;
- Excellent mechanical and environmental performance.

## INDOOR CABLE (Break-out cable)

### Multi Core Break-out Tight Buffer indoor cable(GJFPV)



Break-out indoor cable use simplex cable( $\Phi 900\mu\text{m}$  tight buffer fiber, aramid yarn as strength member) as subunit. A fiber reinforced plastic(FRP) locates in the center of core as a non-metallic strength member. The subunits are stranded around the cable core. The cable is completed with a PVC or LSZH(Low smoke, Zero halogen, Flame-retardant) jacket.

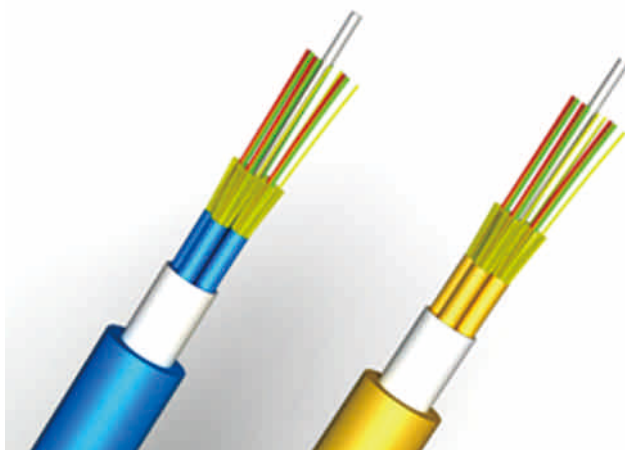
#### Application

- Used in indoor cabling, especially used as breakout cable;
- Used as access building cable;
- Used as interconnect line of equipments, and used in optical connections in optical communication equipment rooms and distribution frames;
- Used in pigtailed and patch cords.

#### Characteristics

- Multi cable desing;
- Multi cable with independent strength member;
- Non-metal central strenght member;
- High strength kevlar yarn member;

### FRP Strengthen Break-out Tight Buffer indoor cable(GJFPV)



Break-out indoor cable use simplex cableas subunit. A fiber reinforced plastic(FRP) locates in the center of core as a non-metallic strength member. The subunits are stranded around the core. The cable is completed with a PVC or LSZH(Low smoke, Zero halogen, Flame-retardant) jacket.

#### Application

- Used in indoor cabling, especially used as breakout cable;
- As pigtail of communication equipment;
- Suitable for communication equipment served;
- All-purpose mini indoor cable
- Can use MPO, MTP connector.

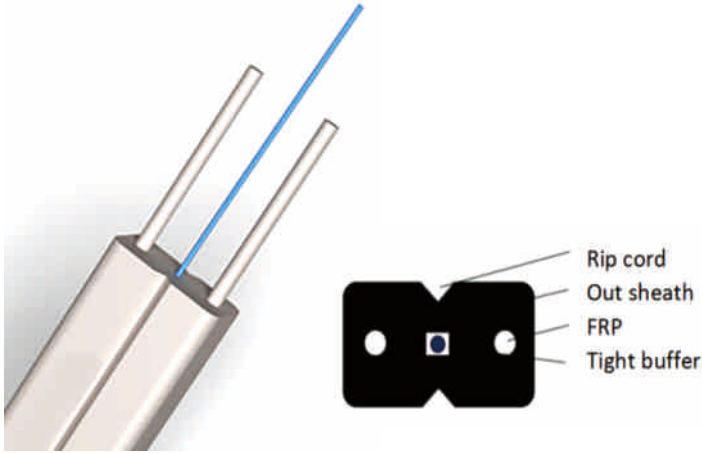
#### Characteristics

- Indoor distribution, suitable for make patch cord and pigtail;
- Multi cable with independent strength member;
- Non-metal central strenght member;
- High strength kevlar yarn member;

# OPTIC FIBER PASSIVE SERIES

## INDOOR FTTH

### 1 core Tight Buffer Indoor FTTH Drop cable



FTTH Cable directly connected to their homes, their bandwidth, wavelength and transmission technology type are not restricted. The tight buffer is positioned in the center. Two parallel strength member are placed at the two sides, then the cable is completed with black LSZH sheath.

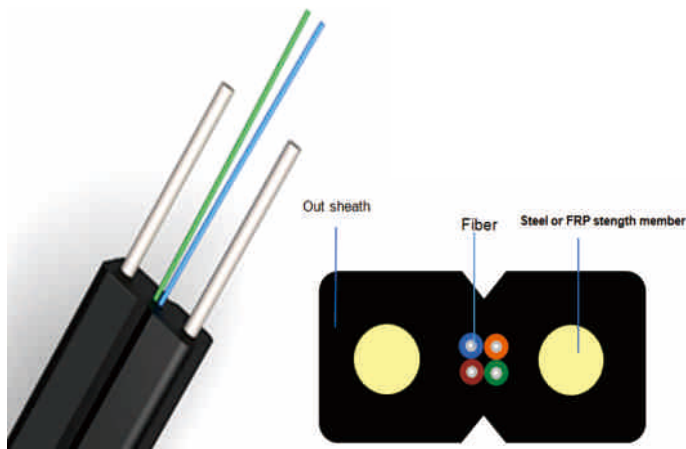
#### Application

- Adopted to indoor distribution;
- As pigtail of communication equipment;
- Suitable for communication equipment;
- Can be installed conveniently.

#### Characteristics

- Suitable for limited space field of the branch, indoor series;
- Laid to facilitate construction operations; part and the cable;
- Jacket use low smoke, halogen-free flame-retardant materials;
- Prevent lightning and strong electric environment;
- FRP strengthen the component materials.

### 1-4 core SM bare fiber Indoor FTTH Drop cable



FTTH Cable directly connected to their homes, their bandwidth, wavelength and transmission technology type are not restricted. The tight buffer is positioned in the center. Two parallel strength member are placed at the two sides, then the cable is completed with black LSZH sheath.

#### Application

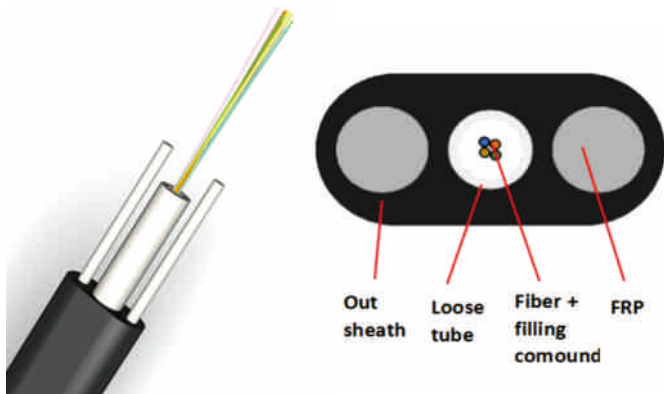
- Adopted to indoor distribution;
- As pigtail of communication equipment;
- Suitable for communication equipment;
- Can be installed conveniently.

#### Characteristics

- Suitable for limited space field of the branch, indoor series;
- Laid to facilitate construction operations; part and the cable;
- Jacket use low smoke, halogen-free flame-retardant materials;
- Prevent lightning and strong electric environment;
- FRP strengthen the component materials.

## OUTDOOR FTTH

### FTTH 4core Lose Tube Type Fiber Optic Drop Cable



The cable put in side with 2 FRP, the optical fiber unit positioned in the Loose tube. Two parallel strength member are placed at the two sides and have loose tube to protect the inside FTTH, outside sheath is HDPE.

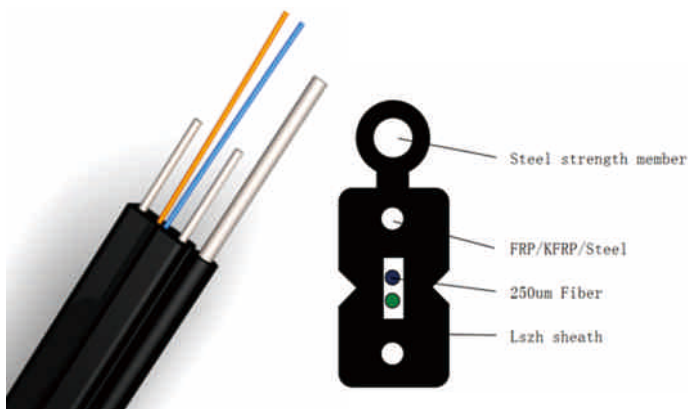
#### Application

- Adopted to cabling.
- Suitable for aerial and duct drop installation
- Long distance and local area network communication.

#### Characteristics

- Good mechanical and enviromental characteristic
- Anti-UV charateristics meet the requirements of relevant standards
- The mechanical charateristics meet the requirements of relevant standards
- Big capacity data transmission
- Meet various requirements of market and clients

### Multi core Double Sheath Spiral Steel Fiber optic cable



FTTH Cable directly connected to their homes, their bandwidth, wavelength and transmission technology type are not restricted. The optical fiber unit id positioned in the centre. Two parallel strength member are placed at the two sides. A steel wire as the additional strength member is also applied ,then, the cable is completed with a black HDPE sheath.

#### Application

- Adopted to outdoor level and vertical distribution.
- Suitable for connect with communication equipment.
- Long distance and local area network communication.

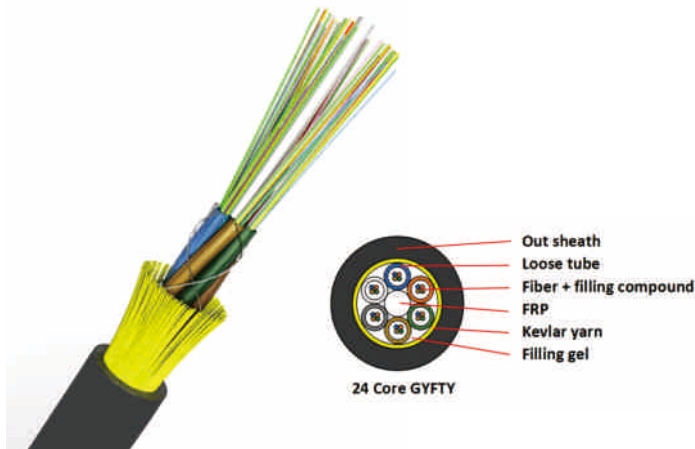
#### Characteristics

- Good mechanical and enviromental characteristic
- Anti-UV charateristics meet the requirements of relevant standards
- The mechanical charateristics meet the requirements of relevant standards
- Soft ,flexiable ,easy to lay and splice,and with big capacity data transmission
- Meet various requirements of market and clients

# OPTIC FIBER PASSIVE SERIES

## OUTDOOR CABLE

### 24 and 48 Core SM G652D Dielectric Loose Tube Fiber Optic Cable (GYFTY)



The fibers, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A Fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular core. The cable core is filled with filling gel to protect it from water ingress. The kevlar yarn surrounded the cable core as the reinforce strength member, then the cable is completed with a PE sheath.

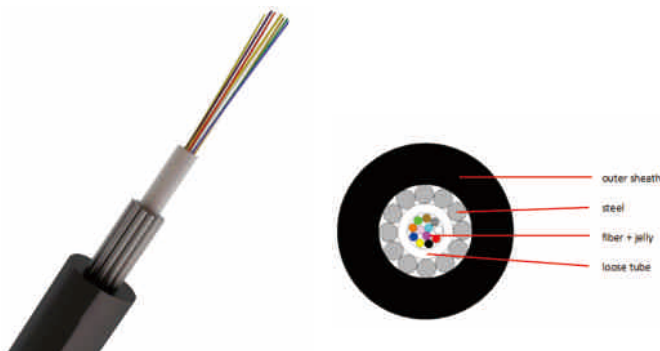
#### Application

- Adopted to Outdoor distribution.
- Adopted to trunk power transmission system.
- Access network and local network in high electromagnetic interfering places.

#### Characteristics

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- Loose tube filling compound
- 100% cable core filling

### GYXTY central loose tube steel outdoor fiber optic cable



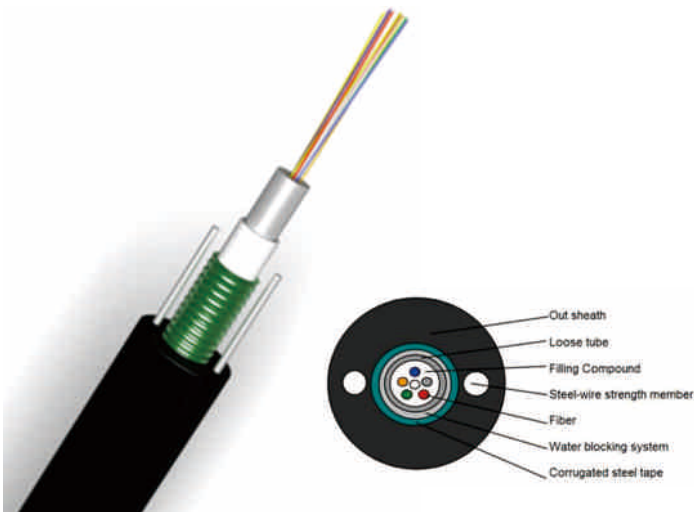
#### Application

The actual status of overhead power lines ,covers the general requirements of single jacket ADSS dielectric Cable for aerial or duct or underground duct

#### Characteristics

The cable sheath shall be marked with white characters according to customer's requirement.

## Unitube (Central Loose) Outdoor Cable GYXTW



The fibers are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. The tube is wrapped with a layer of corrugated steel tape. Between the corrugated steel tape and the loose tube water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a polyethylene (PE) sheath.

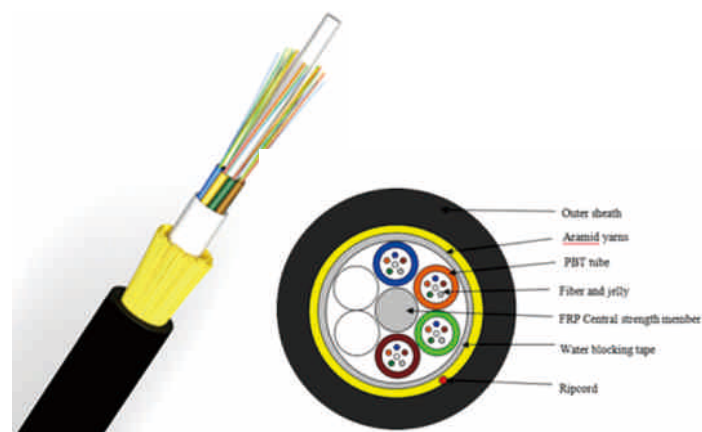
### Application

This specification covers the general requirements of Central Loose Tube Outdoor Cable for aerial or duct.

### Characteristics

- Good mechanical and temperature performance.
- High strength loose tube that is hydrolysis resistant.
- Special tube filling compound ensure a critical protection of fiber.
- Crush resistance and flexibility.
- Two parallel steel wires ensure tensile strength.
- Small diameter, light weight and friendly installation.

## Single jacket dielectric fiber optic cable ADSS



The fibers, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A Fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular core. The cable core is filled with filling gel to protect it from water ingress. The kevlar yarn surrounded the cable core as the reinforce strength member, then the cable is completed with a PE sheath.

### Application

- Adopted to Outdoor distribution.
- Adopted to trunk power transmission system.
- Access network and local network in high electromagnetic interfering places.

### Characteristics

- Good mechanical and temperature performance
- High strength looes tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- Loose tube filling compound
- 100% cable core filling

# ACTIVE OPTIC FIBER SERIES

## SFP(SM and MM)



### Product Features

- 1) Data rate: 155M/622M/1.25G/2.5G/4G
- 2) Wavelengths: 850nm/1310nm/1550nm
- 3) PIN/APD photodiode receiver
- 4) SFP MSA package duplex LC
- 5) +3.3V single power supply
- 6) With or without DDM function
- 7) Very low EMI and excellent ESD protection
- 8) Distance from SX 0.5km to ZX 120km

### Applications

- 1) ATM and SONET/SDH Data Link
- 2) 1x/2x/4x Fiber Channel
- 3) Ethernet

## SFP BIDI(SC and LC)



### Product Features

- 1) Data rate: 155M/622M/1.25G/2.5G/4G
- 2) Wavelengths: 1310nm/1550nm/1490nm
- 3) PIN/APD photodiode receiver
- 4) SFP MSA package BIDI SC/ LC
- 5) +3.3V single power supply
- 6) Digital Diagnostics
- 7) Very low EMI and excellent ESD protection
- 8) Distance from LX 10km to ZX 120km

### Applications

- 1) SONET/SDH
- 2) Fiber Channel

## CWDM SFP



### Product Features

- 1) CWDM DFB Laser diode transmitter
- 2) Transmitter Central Wavelengths 1570nm 1590nm and 1610nm
- 3) Receiver PIN or APD
- 4) Data Rate up to 4Gbps
- 5) Operating Temperature 0°C~+70°C
- 6) Distance up to 80km
- 7) RoHS Compliance

### Applications

- 1) Gigabit Ethernet
- 2) ATM
- 3) SONET/SDH



## DWDM XFP



### Product Features

- 1) Hot pluggable
- 2) Support 9.95Gb/s to 11.1Gb/s bit rates
- 3) Below <1.5W power dissipation
- 4) XFP MSA package with duplex LC connector
- 5) Digital Diagnostic Monitor Interface
- 6) Very low EMI and excellent ESD protection
- 7) Cooled DWDM EML laser and PIN ROSA
- 8) Up to 40KM for single mode fiber
- 9) operating temperature range 0°C to 70°C
- 10) No reference clock requirement

### Applications

10G BASE-ER/EW Ethernet  
SONET OC-192/SDH STM-64  
Other optical links

## SFP+



### Product Features

- 1) SFP+ MSA Compliant
- 2) Very low power consumption (<1W)
- 3) Digital Diagnostics
- 4) Commercial/Industrial Temperature Options
- 5) 10G Serial Electrical I/F
- 6) 3.3V DC input
- 7) Distance: 300m, 2km, 10km, 40km, 80km and 120km

### Applications

6G, 8G Fiber Channel  
10Gigabit Ethernet

## XFP



### Product Features

- 1) 850nm/1310nm/1550nm laser diode transmitter
- 2) Support 9.95Gb/s to 11.3Gb/s data rate
- 3) Below 2.5W power consumption
- 4) XFP MSA package with duplex LC connector
- 5) Digital Diagnostic Monitor Interface
- 6) Commercial / Industrial Temperature Options
- 7) No reference clock requirement
- 8) Distance: 300m, 2km, 10km, 40km, 80km and 120km

### Applications

10Gigabit Ethernet and SONET/SDH

# ACTIVE OPTIC FIBER SERIES

## 40G QSFP SR



### Product Features

- 1) Supports 1.06 to 10.5Gb/s bit rates per Channel
- 2) Four-Channel, 1x12 MPO receptacle
- 3) Hot pluggable QSFP+ form factor
- 4) VCSEL 850nm array Technology
- 5) Applicable for 100m&300m on OM3 MMF, 150m&400m on OM4 MMF.
- 6) Built-in digital diagnostic functions
- 7) Low power consumption, < 1.5W
- 8) Unretimed XLPP electrical interface

### Applications

- 1) 40GBASE-SR4 40G Ethernet
- 2) Datacom/Telecom switch & router connections
- 3) Data Aggregation and Backplane Applications
- 4) Proprietary Protocol and Density Applications
- 5) Infiniband transmission at 4CH SDR, DDR and QDR
- 6) Other optical links

## 100G QSFP28



### Product Features

- 1) Supports 103.1Gbps bit rates
- 2) Single MPO12 receptacle
- 3) Hot-pluggable QSFP28 form factor
- 4) 4x25Gb/s 850nm VCSEL-based transmitter
- 5) 4x25G electrical interface
- 6) Applicable for 10km SMF connection
- 7) Low power consumption, < 3.5W
- 8) Digital Diagnostic Monitor Interface
- 9) Compliant with 100GBASE-SR4
- 10) Operating case temperature:
- 11) Commercial: 0 to 70 °C

### Applications

- 1) 100GBASE-SR4 100G Ethernet
- 2) Other Optical link

## 10G COPPER SFP RJ45



### Product Features

- 1) Support 10Gbase-T / 5Gbase-T / 2.5Gbase-T / 1000base-T on line port
- 2) Support 10Gbase-R on host port
- 3) Hot-pluggable SFP footprint
- 4) Compact RJ-45 connector assembly
- 5) RoHS compliant and lead-free
- 6) Single +3.3V power supply
- 7) 10 Gigabit Ethernet over Cat 6a cable
- 8) Ambient Operating temperature: 0°C to +60°C

## Cisco Compatible

Part Number	Description	Part Number	Description
<b>FE SFP</b>		<b>GE SFP</b>	
GLC-FE-100FX	100BASE-FX 1310nm Multimode 2Km	GLC-T	1000BASE-T RJ45 100m
GLC-FE-100LX	100BASE-LX 1310nm Single Mode 15Km	GLC-SX-MM	1000BASE-SX 850nm Multimode 550m
GLC-FE-100EX	100BASE-EX 1310nm Single Mode 40Km	GLC-LH-SM	1000BASE-LX 1310nm Single Mode 10Km
GLC-FE-100ZX	100BASE-ZX 1550nm Single Mode 80Km	GLC-ZX-SM	1000BASE-ZX 1550nm Single Mode 80Km
GLC-FE-100BX-D	100BASE-BX Tx1490nm/Rx1310nm Single Mode 10Km	SFP-GE-S	1000BASE-SX 850nm Multimode 550m
GLC-FE-100BX-U	100BASE-BX Tx1310nm/Rx1490nm Single Mode 10Km	SFP-GE-L	1000BASE-LX 1310nm Single Mode 10Km
GLC-FE-100BX-D	100BASE-BX Tx1550nm/Rx1310nm Single Mode 10Km	SFP-GE-Z	1000BASE-ZX 1550nm Single Mode 10Km
GLC-FE-100BX-U	100BASE-BX Tx1310nm/Rx1550nm Single Mode 10Km	GLC-BX-D	1000BASE-BX Tx1490nm/Rx1310nm Single Mode 10Km
GLC-FE-100BX-D40	100BASE-BX Tx1490nm/Rx1310nm Single Mode 40Km	GLC-BX-U	1000BASE-BX TX1310nm/Rx1490nm Single Mode 10Km
GLC-FE-100BX-U40	100BASE-BX Tx1310nm/Rx1490nm Single Mode 40Km	GLC-BX-D40	1000BASE-BX Tx1550nm/Rx1310nm Single Mode 40Km
GLC-FE-100BX-D40	100BASE-BX Tx1550nm/Rx1310nm Single Mode 40Km	GLC-BX-U40	1000BASE-BX Tx1310nm/Rx1550nm Single Mode 40Km
GLC-FE-100BX-U40	100BASE-BX Tx1310nm/Rx1550nm Single Mode 40Km	GLC-BX-D40	1000BASE-BX Tx1490nm/Rx1310nm Single Mode 40Km
<b>OC-3</b>		GLC-BX-U40	1000BASE-BX TX1310nm/Rx1490nm Single Mode 40Km
SFP-OC3-MM	OC3/STM-1 1310nm Multimode 2Km	<b>CWDM</b>	
SFP-OC3-SR	OC3/STM-1 1310nm Multimode 2Km	CWDM-SEP-xxxx	100BASE-CWDM 1470nm - 1610nm Single Mode 80Km
SFP-OC3-IR1	OC3/STM-1 1310nm Single Mode 15Km	<b>SFP+</b>	
SFP-OC3-LR1	OC3/STM-1 1310nm Single Mode 40Km	SFP-10G-SR	10GBASE-SR 850nm Multimode 300m
SFP-OC3-LR2	OC3/STM-1 1550nm Single Mode 80Km	SFP-11G-LR	10GBASE-LR 1310nm Single Mode 10Km
<b>CO-12</b>		<b>XFP</b>	
SFP-OC12-MM	OC3/STM-4 1310nm Multimode 2Km	XFP-10G-MM-SR	10GBASE-SR 850nm Multimode 300m
SFP-OC12-SR	OC3/STM-4 1310nm Single Mode 2Km	XFP-10GLR-OC192SR	10GBASE-LR 1310nm Single Mode 10Km
SFP-OC12-IR1	OC3/STM-4 1310nm Single Mode 15Km	XFP-10GER-OC192IR	10GBASE-ER 1550nm Single Mode 40Km
SFP-OC12-LR1	OC3/STM-4 1310nm Single Mode 40Km	XFP-10GZR-OC192LR	10GBASE-ZR 1550nm Single Mode 80Km
SFP-OC12-LR2	OC3/STM-4 1550nm Single Mode 80Km	<b>DWDM XFP</b>	
<b>OC-48</b>		DWDM-XFP-XX	10GBASE-DWDM 1530.33nm-1560.61nm Single Mode 80Km
SFP-OC48-SR	OC48/STM-16 1310nm Single Mode 2Km		
SFP-OC48-IR1	OC48/STM-16 1310nm Single Mode 15Km		
SFP-OC48-LR2	OC48/STM-16 1550nm Single Mode 80Km		

## Alcatel Compatible

<b>GE SFP</b>		<b>FE SFP</b>	
SFP-GIG-T	1000BASE-T RJ45 100m	100-LC-MM	100BASE-FX 1310nm Multimode 2Km
SFP-GIG-SX	1000BASE-SX 850nm Multimode 550m	101-LC-SM15	100BASE-LX 1310nm Single Mode 15Km
SFP-GIG-LX	1000BASE-LX 1310nm Single Mode 10Km	102-LC-SM40	100BASE-EX 1310nm Single Mode 40Km
SFP-GIG-LH40	1000BASE-LX40 1310nm Single Mode 40Km	<b>CWDM SFP</b>	
SFP-GIG-LH70	1000BASE-ZX 1550nm Single Mode 70Km	SFP-GIG-XX-CWDM60	1000BASE-CWDM Tx1470nm-1610nm Single Mode 60Km
<b>BIDI SFP</b>		<b>XFP</b>	
SFP-GIG-BX-D	1000BASE-BX Tx1490nm/Rx1310nm Single Mode 10Km	10G-XFP-SR	10BASE-SR 850nm Multimode 300m
SFP-GIG-BX-U	1000BASE-BX Tx1310nm/Rx1490nm Single Mode 10Km	10G-XFP-LR	10BASE-LR 1310nm Single Mode 10Km
SFP-100-BX-20LT	1000BASE-BX Tx1550nm/Rx1310nm Single Mode 20Km	10G-XFP-ER	10BASE-ER 1550nm Single Mode 40Km
SFP-100-BX20NU	1000BASE-BX Tx1310nm/Rx1550nm Single Mode 20Km		

Many more compatible brands, HP, Huawei, Extrem, D-Link, Juniper, 3com, H3C, etc..

# ACTIVE OPTIC FIBER SERIES

## AOC CABLE

10G SFP+AOC



25G SFP28+AOC



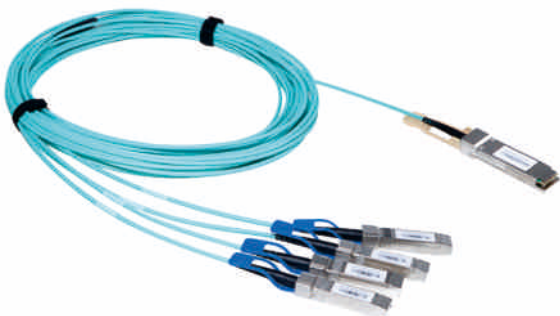
40G QSFP-4SFP AOC



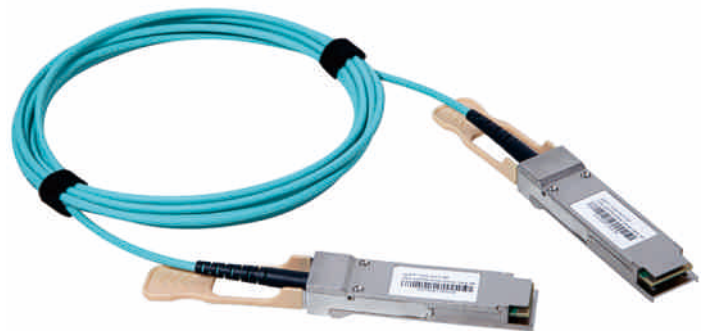
40G QSFP-QSFP AOC



100G QSFP28-4SFP28 AOC



100G QSFP28-QSFP28 AOC





DatoLink

SFP/XP Transceivers

### 10G SFP+ DAC



### 40G QSFP+ DAC



### 40G QSFP-4SFP DAC



### 100G QSFP28 DAC



### 100G QSFP28-4SFP28 DAC



### 400G QSFP-DD-DAC



# ACTIVE OPTIC FIBER SERIES

## FIBER MEDIA CONVERTER

Fiber Media Converter



### Key Features

- Auto-adaptation 10Mbps and 100Mbps, convenient for network updating
- With distinct IC IP113 HIC solution, low-temperature-rise chip, no need of cooling system, realization of flowcontrol, decrease of broadcast storm
- Supporting choosing optical ports from dual fiber(MM),dual fiber(SM),single fiber(SM)



### Technical Parameter

- Access Method: 10/100Mbps, 1000Mbps, 10/100/1000Mbps
- Standard: IEEE802.3 10Base-T Ethernet, IEEE802.3u, 100Base-TX/FX Fast Ethernet, IEEE802.3x Flow control, IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree
- Wavelength: 850nm/1310nm/1550nm
- Distance:
  - Dual Fiber MM: 2Km
  - Dual Fiber SM: 25/40/60/80/100/120Km
  - Single Fiber SM: 20/40/60/80Km
  - CAT5: 100m
- Port:
  - RJ45 Connector: Connecting with STP/UTP Cat5
  - Optical Connector: MM-SC or ST (fiber dimension: 50,62.5/125μm )
  - SM-SC or FC ( fiber dimension: 9/125 μm )
  - Single Fiber SM-SC/ FC(fiber dimension: 9/125 μm)

Conversion Method:	Media Conversion, Store-and-Forward/straight through
MAC Address Table:	1 K
Buffer Size:	1Mbit
Flow Control:	Duplex: flow control ; Half duplex: back pressure
Time Delay:	Store-and-Forward : 9.6us , Straight-through: 0.9us
BER:	<1/1000000000
LED Indicator Lamps:	POWER, FX LINK/ACT (fiber link) FDX ( FX-full duplex), TP LINK/ACT(twisted pair link) TP 100 (TP 100M data rate), FX 100 (FX 100M data rate)(external power)
Power Supply:	AC220 0.5A /DC-48( internal power )





DatoLink

# ONU

ONU



1GE+3FE+POTS+CATV+WIFI



1GE1FE+POTS+CATV+WIFI



1GE1FE+WIFI



1GE1FE+WIFI+CATV



1GE1FE+WIFI+POTS



1GE3FE+WIFI



1GE3FE+WIFI+CATV



1GE3FE+WIFI+POTS



4GE+1POTS+AC WIFI



4GE+AC WIFI



4GE+ACWIFI+CATV



4GE+ACWIFI+POTS



4GE+ACWIFI+POTS+CATV



4GE+POTS+ACWIF+USB



4GE+POTS+ACWIFI



APC1GE1FE+WIFI+POTS

# ACTIVE OPTIC FIBER SERIES

## EDFA

### Ea1500 Series Fiber Amplifier



#### Technical parameters

Technical parameters	EA1500
Received wavelength	1535~1565 nm
Input optical power	-5dBm~+10dBm (Standard input+3dBm)
Output optical power	Max +26dBm
Output power stability	±0.1dBm
Noise Figure	≤ 5.0dB (Pin=0dB)
Input reflection loss	≥ 45dB
Output reflection loss	≥ 45dB

#### Applications :

Erbium doped fiber amplifier (EDFA) is a CATV professional device used to amplify and transmit 1550 nm optical signals in a cable television transmission system. Cable TV 1550nm single-wavelength transmission, DWDM multi-wavelength transmission, flat gain, low noise series (PA), mid-noise series (LA), and power amplifier series (BA) are available. The company can produce a wide range of products such as power amplifiers, pre-amplifiers, and line amplifiers to meet different application locations of equipment and different customer requirements.

### 56EYA 1U Series High Power Er/Yb Doped Fiber Amplifier



#### Technical parameters

Technical parameters	56EYAxx
Wavelength	1535-1565nm
Input power range	-5dBm~+10dBm (normal input -2dBm~+5dBm)
Output optical power	26dBm~37dBm
Optical power stability	±0.1dBm
Noise figure	≤ 5.0dB (Pin=0dB)
Input return loss	≥ 45dB
Output return loss	≥ 45dB

#### Applications :

The 56EYAxx series high-power optical amplifier is a high-power multi-port output fiber amplifier with a gain spectrum bandwidth of 1535~1565nm. It is mainly designed for applications of CATV or 1~8 continuous strip channels (ITU wavelengths). It provides a flexible, low-cost solution for large-scale FTTH coverage of CATV systems in large and medium-sized cities.

56EYAxx can achieve single-wavelength cable TV transmission, CWDM single-fiber three-wave, flat gain, DWDM; its reliable and excellent performance ratio between the main application of FTTH, FTTB, DBS, MMDS, FTTX pon, is to build CATV large Medium-sized optical fiber transmission network is an important equipment.



# EDFA

## 56EYA 2U Series High Power Er/Yb Doped Fiber Amplifier



### Applications :

The 56EYAxx series high power amplifier is a high power multi-output optical fiber amplifier with a gain spectrum bandwidth of 1535~1565nm. It is mainly designed for CATV or 1~8 continuous strip channels (ITU wavelength) applications. It provides a flexible, low-cost solution for large-scale FTTH coverage of CATV systems in large and medium-sized cities. 56EYAxx can achieve single-wavelength cable TV transmission, CWDM single-fiber three-wave, flat-gain type, DWDM; its reliable and excellent performance ratio between the main application of FTTH, FTTB, DBS, MMDS, FTTX pon, is to build CATV large Medium-sized optical fiber transmission network is an important equipment.

### Technical parameters

Technical parameters	56EYAxx
Wavelength	1535-1565nm
Input power	-5dBm~+10dBm (normal input -2dBm~+5dBm)
Output power	33dBm~40dBm (WDM -1dBm)
Output port	SC: 16/32/64; LC: 32/64/128
Each output power	10~23dBm or customized
Noise	< 5.0dB (Pin=0dB)
Polarization dependence loss (PDL)	< 0.3dB
Polarization dependence gain (PDG)	< 0.4dB

## FTTH-OR18 Series Optical Receiver



### Applications :

The FTTH-OR18 series optical terminal is a home-use optical receiver for FTTH (Fiber to the Home) network optical fiber access terminals to enable analog or digital signals to enter the home. The machine uses low-power photodetectors, GaAs and optical AGC technology to meet the fiber-to-the-home CATV reception needs.

### Technical parameters

Technical parameters	OR18
Wavelength	1100~1600nm&1550nm
Optical input power	0dBm~10dBm(analog signal) & 0dBm~15dBm(digital signal)
Return loss	> 45 dBm
Optical connector	FC/APC&SC/APC&FC/PC&SC/PC
Bandwidth	47~1006MHz
Flatness	±1@47~1006MHz
RF output loss	≥16dB@47~550MHz ≥14dB@550~1006MHz
Output level	≥80dBuV(1 port)
Pin@0dBm	≥78dBuV(2 ports)

# ACTIVE OPTIC FIBER SERIES

## EDFA

### FTTH-OR19 Series Optical Receiver



#### Applications :

The FTTH-OR19 optical receiver is a home optical receiver with optical fiber access as its ultimate goal. It is suitable for FTTH (Fiber to the Home) network optical fiber subscriber access terminals, enabling analog or digital signals to enter the home. The machine uses low-power photodetectors, GaAs and optical AGC technology to meet the needs of fiber-to-the-home CATV reception. Among them WS-FTTH-OR19 with WDM as the main push product, is a home-made equipment that is tailored to realize triple play

#### Technical parameters

Productnumber	FTTH-OR19
Received wavelength	1200~1600nm&1550nm.
Input optical power	0dBm~-10dBm(Analog)&0dBm~-15dBm(Digital).
Light reflection loss	> 45 dB.
Optical connector form	FC/APC&SC/APC&FC/PC&SC/PC
Frequency Range	47~1006 MHz
In-band flatness	±1dB@47~ 1006 MHz
RF output reflection	≥16dB@ 47~550MHz; ≥14dB@550~1006 MHz.
Output level	≥80dBuV(AGC:@-3~-12dBm).

### FTTH-OR20 Series Optical Receiver



#### Applications :

The FTTH-OR20 optical receiver is a home optical receiver with optical fiber access as its ultimate goal. It is suitable for FTTH (fibre to the home) network fiber subscriber access terminals, enabling analog or digital signals to enter the home. The machine uses low-power photodetectors, GaAs and optical AGC technology to meet the fiber-to-the-home CATV reception needs. This device can increase WDM and achieve triple play.

#### Technical parameters

Technical parameters	FTTH-OR20
Received wavelength	1200~1600nm&1550nm.
Input optical power	0dBm~-10dBm(Analog)&0dBm~-15dBm(digital).
Optical reflection loss	> 45 dB.
Optical connector form	FC/APC&SC/APC&FC/PC&SC/PC.
Frequency Range	47~1006MHz
In-band flatness	±1dB@47~1006MHz.
RF output reflection	≥16dB@ 47~550MH ; ≥14dB@1006MHz
Output level	≥80dBuV(1 port) ≥78dBuV(2 port).

# EDFA

## Wt1500 Series External Modulation Optical Transmitter



### Applications :

Wt1500 series external modulation optical transmitter is one of the independent 1550nm laser transmission equipment productions of WSEE, which has a complete independent intellectual property. It has high performance, high reliability and excellent performance and price ratio. It can be widely used in all kinds of medium and long distance digital and analog signal communication. The application scene includes large and medium-sized cable TV. Trunk and distribution network, CWDM/DWDM system, optical fiber sensing and security monitoring system.

### Technical parameters

Technical parameters	WT1550-D	WT1550-A
Optical wavelength	1540-1563nm Fixed wavelength	
Recommended transmission distance	50km	100km
	75km	150km
Laser linewidth	≤2nm	
Edge mode rejection ratio	≥45 dB	
Output power	1*9dBm	2*5dbm,2*7dbm,2*9dBm
Output number	1	2
Optical connection form	FC/APC, SC/APC	
Radio frequency AGC control range	10dB	

## Lt1300 Series Direct-modulated Optical Transmitter



### Applications :

LT1300 optical transmitter is designed according to CATV standard. It modulates CATV RF amplitude signal into 1310nm/1550nm optical signal, and then transmits it to optical node in HFC network through single-mode optical fiber. It is mainly used for TV signal medium-sized network transmission and can be used for many purposes. The high-power optical amplifiers are used for the laying of fiber-to-the-home (FTTH) networks.

### Technical parameters

Technical Parameters	LT1300-3***	LT1300-5***
Output optical power	2~30mW	3~10dBm
Wavelength	1310nm±20	1550nm±15
Laser type	DFB laser	
Optical modulation	Direct light intensity modulation	
Optical connector form	FC/APC&SC/APC (customize)	
Frequency Range	47~860MHz (customize 1000MHz)	
RF input level	75~90dBuV (Recommended best value 80dBuV)	
In-band flatness	±1dB	
AGC accuracy	0.5dB	
MGC adjustment range	0~15dB	
RF input impedance	75Ω	

# FIBER OPTIC TESTERS & TOOLS

## One Click Cleaner 2.5mm



## Description

One-click Cleaner is a high-performance and easy-to-use fiber tool which designed to clean both the male connector ends and female bulkhead adapters (Ferrule end-faces inside the adapters), this instrument cleans the ferrule end faces removing dust, oil, and other debris without nicking or scratching the end face. It includes two types, one is for FC, SC, ST and the other is for LC and MU.

## One Click Cleaner 1.25mm



## Features

1. Easy pushing motion engages connector and initiates cleaner
2. Disposable with 800+ cleanings per unit
3. Made from anti static resin
4. Cleaning micro fibers are densely stranded and debris free
5. Extendable tip reaches recessed connectors
6. Cleaning system rotates 180 for a full sweep
7. Audible click when engaged

## Optic Fiber Connector Cleaner



## Description

Wide usability: It can be used for SC, FC, ST, D4, LC, DIN and Bionic connectors. Cleaning tape is replaceable and this can reduce cost in long term application.

## Features

- Suitable for cleaning tasks in factories and field applications
- Environmentally friendly
- Achieve high quality cleaning without alcohol or other solvents.
- The cleaning tape is replaceable thus reducing the long term costs
- This is an ideal tool for use when the connector face is available to you for cleaning
- Specifically designed to clean ST, SC, FC, SMAD-4, DIN, and Diamond connector faces
- Specification:
  - Ferrule:  $\phi$  2.5mm  $\phi$  1.25mm
  - Cleans per reel over 500 times
  - Connectors cleaned: SC, SC2, FC, ST, DIN, D4 MU, LC, MT, MPO, MT-RJ without pins,
  - Dimension W x H x D mm 130 x 75 x 40
  - Weight (g) 200g

## Fiber Optic Cleaning Swabs 2.5mm



## Fiber Optic Cleaning Swabs 1.25mm



### Description

It is a cost-effective cleaning swab and specially used for cleaning optical adaptors and test equipments ports. The size includes two types, one is 2.5mm universal and the other is 1.25mm universal.

## Fiber Cleanroom Wipers

34155



34256



34705



### Applications

The precision instrument wipe clean / product surfaces clean with the solvent  
 Precision components clean wipe / printing equipment  
 Special packaging components / aviation spacecraft equipment cleaning

## Alcohol Bottle



### Description

This empty bottle is an ideal plastic holder for alcohol which is for optical fiber cleaning, you can press the cap to release the alcohol on the paper or swab cotton to cleaning the fiber optic adapter, flange and the bare fiber in FTTH works. Body is made from good plastic, not easy to break. This empty bottle is good for filling alcohol for cleaning work. Press design, one-hand operation. Just place a cotton pad or dust cloth on the top and press the center of the lid, then the liquid will be pumped out and absorbed by the cotton or cloth.

# FIBER OPTIC TESTERS & TOOLS

Basic Fiber Tester

Power Meter-1102



Power Meter-3116



Power Meter-3205



Power Meter-3208



Power Meter-3223



Power Meter-3402



Power Meter-3211



PON Power Meter-3213





## Visual Fault Locator

VFL-3105A



VFL-5MW



VFL-10MW



VFL-20MW



VFL-20MW



VFL-30MW



VFL-10/20/30/50MW



VFL-5/10/20/30MW



VFL-1MW



VFL-20MW



VFL-30MW



VFL-30MW



## Adjustable Light Source



DTL3116



DTL3109

### Features

- \* Provides 1~4 output wavelengths which can be optional according to customer's needs
- \* CW, 2Hz modulation output at 650nm, and CW, 270Hz, 1KHz, 2KHz modulation output at other wavelengths.
- \* High stability of the output power
- \* Stable output wavelength
- \* Backlight LCD display supports night operation
- \* Compact size and decent appearance
- \* Large LCD, easy operation
- \* Alternative 10 minutes Auto-off function conserving battery life

### Descriptions

3109 optical light source can provide 1 to 4 output wavelengths to meet specific requirements, including the 650nm red source and the 1310/1550nm wavelengths for single mode fiber or the 850/1300nm wavelengths for multi mode fiber, as well as other wavelengths according to customer needs. Together with the 3208 optical power meter, it is a perfect solution for the fiber optic network characterization.

# FIBER OPTIC TESTERS & TOOLS

## Fiber microscope



## Descriptions

This Fiber Microscope is a low cost and high quality fiber inspection tool which is available in 400X magnification and the white LED light can provide coaxial illumination to connector end-face. This is a high-resolution system to check out depression, scratches, contamination and other conditions on FC/SC/LC fiber optic jumpers/pigtails quickly. It is applied to optical fiber communications and other industries.

## Specifications

Instrument Model	400X
Power Supply	3pcs AAA alkaline battery(no included)
LED Rated Life(h)	100000
Optical Zoom	400 times
Control	Instant switching, precise focusing control
Security Filter	Built-in IR filter
size	225mm(L)*32mm(Diameter)
weight	600g

## Features

1. LED illumination, available in 400x magnification
2. Installed with Laser filter for eye protection
3. Clear bright images and smooth focus control
4. Momentary or push button ON/OFF switch for light source

## Optical Fiber Identifier



## Features

- 4 easy-change chucks for: bare fiber, patch cords & ribbon fiber
- Identifies 3 common test tones
- Identifies dominant traffic direction, audible alarm
- Approximate core power reading
- Low false detection & insertion loss
- Very easy to operate
- Battery low indication

## Specifications

Fiber Types	0.9, 0.25, 2.0, 3.0 mm SM fibers
Wavelength Range	800~1700nm
Recognizable signal type	2kHz, 1kHz, 270Hz
Detector Type	InGaAs 2pcs
Accuracy	+10dB to -30 dBm (Continuous Wave) / +10dB to -25 dBm (Modulated Signal)
Sensitivity	+10~-50dBm
Dimensions	195×30×27 mm
Weight	200 g



**OTDR**

**OTDR-NK3200**



**OTDR-NK4000**



**OTDR-NK5600**



**OTDR-NK6000**



**OTDR-6200**



**OTDR-6800**



**OTDR-3305A**



**OTDR-H430**



# FIBER OPTIC TESTERS & TOOLS

## OTDR Fiber Launch Boxes



Size:237\*141\*67mm



Size:137\*130\*70mm



Diameter:130mm  
Height: 25mm

## Features

1. The OTDR Fiber Launch Boxes, OTDR, OTDR products
2. Mainly used to compensate for the OTDR test blind area, central fiber
3. Without any fusion joint, small volume, light weight Easy to carry.
4. Single-mode, multimode ( 62.5\125 )
5. Length 500M, 1KM, 2KM... 5KM ( custom )
6. Loss less than or equal to 0.5dBm\km
7. With excellent sealing performance, waterproof and dustproof explosionproof
8. Imported yellow shell
9. Single-mode or multimode optical fiber
- 10.Length 1-3 km selected at random
- 11.Fiber optic connectors available: FC, LC, SC, ST/PC or APC

## Application

Designed to aid in the testing of fiber optic cable when using an OTDR. The OTDR

Launch Fiber box is used with Optical Time Domain Reflectometers (OTDR's) to help minimize the effects of the OTDR's launch pulse on measurement uncertainty.



DatoLink

Fusion splicer KL-300T



Fusion splicer KL-280E



Fusion Splicer KL-500E



Handheld Fusion Splicer KL-510



Fusion splicer AI-7C



Fusion splicer AI-9



Fusion splicer FST-16S



Electrodes for the fusion splicer



# FIBER OPTIC TESTERS & TOOLS

Fiber Optic Splicing

Fiber cleaver FS-6S



Fusion splicer KL-21F



Fiber cleaver HF-08



Fiber cleaver HF-09



Fiber cleaver DTL-0708



Fiber cleaver DTL-0709



Fiber cleaver DTL-0712



Fiber cleaver S326





Fiber cleaver



Fusion splicer SKL-6C



Fiber cleaver SKL-8A



Fiber cleaver SKL-60S



Fiber cleaver X1



Fiber cleaver CLV-100E



Fiber cleaver HS-30



Optical Fiber cutting blade



# FIBER OPTIC TESTERS & TOOLS

## Polishing Machine

DTL-550C



DTL-500CT



DTL-550ST



DTL-500S



## Polishing Films



30U-12U-9U-1U-ADS

## Polishing Pad



60-65-70-75-80-85-90



DatoLink

Fiber Optic Patch Cord Production Lab

Cutting cable machine DTL-450X



Crimping machine DTL-WS500



End face detector DTL-400G



Curing furnace DTL-100A



IL/AL Tester



Dispenser Machine



# FIBER OPTIC TESTERS & TOOLS

## Polishing Disc Series

**SC/APC-24T**



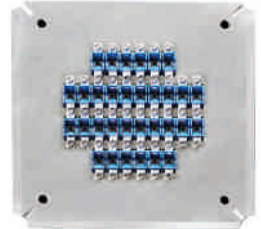
**SC/APC-18T**



**SC/PC-20T**



**SC/APC-32T**



**LC/APC-24T**



**LC/APC-16T**



**LC/PC-16T**



**LC/PC-24T**



**FC/PC-12T**



**FC/PC-20T**



**FC/APC-24T**



**FC/PC-32T**



**ST/PC-20T**



**ST/PC-24T**



**MTJR-12T**



**MU/PC-16T**



**E2000/APC-18T**



**E2000/APC-12T**



**Hand Polishing Disc  
2.5mm**



**Hand Polishing Disc  
1.25mm**







DatoLink

Fiber Optic Tools

FTTH Tool Kit



Fiber Optic Cleaning Kits Bag-A type



Fiber Optic Cleaning Kits Bag-B type



Fiber Optic Cleaning Kits Bag-C type



Fiber Optic Kevlar Scissor C147



Fiber Cable Stripper CFS-2



Fiber Optic Kevlar Scissor



Fiber Optic Kevlar Scissor KS-1



Fiber Optic Slitter



Fiber Optic Slitter



# FIBER OPTIC TESTERS & TOOLS

Drop Cable Stripper



Drop Cable Stripper



Fiber Cable Stripper



Fiber Cable Stripper



Fiber Cable Stripper 103-S



Coaxial Cable Stripper 45-162



Coaxial Cable Stripper 45-163



Coaxial Cable Stripper 45-165





## Cable Stripper Series

### Multi-functional Automatic Wire Stripper & Crimper

#### DT-T371



- Easy stripping without any adjustment
- Multifunction made of steel by special hardened
- Stripper range: (0.2-6 mm<sup>2</sup>)AwG24-10
- For insulated terminals 22-10AwG(0.5-6.00mm<sup>2</sup>)
- For non-insulated terminals 22-10AwG(0.5-6.00mm<sup>2</sup>)
- For auto ignition terminal 7-8mm

### Multi-functional Coaxial Cable Stripper

#### DT-T369



- Multi-function coaxial cable stripper, adjustable according to user's need to strip the different coaxial cable
- Strip the coaxial coat and inside part without damage the inner core
- Stripping size :RG59-RG6/RG7-RG11

### Automatic Wire Stripper

#### DT-T369



- Professional wire stripper
- Adjustable baffle and bolt, according to the length of stripper wire
- Rapid strip the wire with perfect result

### Multi-functional Lan Cable Stripper

#### DT-T501B



- For wire (UTP/STP) or wire and multi conductor cable from 3.2 mm-9 mm max.
- Irregular out-shape insulation can be put into the front "V" and "U" guide, rotate the tool 1-3 times by index finger for stripping the out of insulations easily.

### Multi-functional Coaxial & Lan Cable Stripper

#### DT-T302



- Universal Stripping Tool with removable coax cartridge, strips RG-59/6/11/7.
- Also does flat telephone cable and outer jackets of uIPand STP cable and - Cut round telephone cable.
- Has a cable cutter function.
- 4 in 1 changeable blade could be adjustable according different coaxial cable

### Multi-functional Coaxial Cable Stripper

#### DT-T325



- Multi-function coaxial cable stripper, adjustable according to user's need to strip the different coaxial cable
- Strip the coaxial coat and inside part without damage the inner core
- 4 in 1 changeable blade could be adjustable according different coaxial cable
- Additional hex key wrench could adjust the inner knife length to reach the best result
- Micro and smart design, easy to carry and use
- Could strip RG58/75/9/626/3C2V/4C/5c

### Multi-functional Coaxial Cable Stripper

#### DT-T332



- Multi-function coaxial cable stripper, adjustable according to user's need to strip the different coaxial cable
- Strip the coaxial coat and inside part without damage the inner core
- 4 in 1 changeable blade could be adjustable according different coaxial cable
- Additional hex key wrench could adjust the inner knife length to reach the best result
- Micro and smart design, easy to carry and use
- Could strip RG58/75/9/626/3C2V/4C/5c

### Multi-functional Coaxial Cable Stripper

#### DT-T322



- Stripping the coaxial coat and inside part without damage the inner core
- Micro and smart design, easy to carry and use
- Could strip RG58, 59, 6

## Cable Tester Series

### Network Cable Tester

#### DT-T468S



### 4 in 1 Cable Tester

#### DT-T588CT



### Multi-functional Cable Tracker & Tester

#### DT-T463



### Network Cable Tracker

#### DT-T462



# FIBER OPTIC TESTERS & TOOLS

Copper Tools & Testers

## Punch Down Tool Series

Punch Down Tool

DT-T3141A



Punch Down Tool

DT-T116A



## Coaxial Tool Series

Coaxial Compression Crimping Tool

DT-T518A



Multi-functional Coaxial Compression Crimping Tool

DT-T548A



## Crimping Series

2 in 1 Network Crimping Tool

DT-TN568



2 in 1 Network Crimping Tool

DT-T568R



## Terminal Crimping Tool Series

Terminal Crimper

DT-T336



Terminal Crimper

DT-T338



## Tool Kit

Tool Kit

DT-TTK01



Tool Kit

DT-TTK01



Tool Kit

DT-TTK01



## Nylon Cable Tie



## Nylon Cable Tie

A cable tie, also known as a zip tie or tie-wrap, is a type of fastener, especially for binding several electronic cables or wires together and to organize reusable cables and wires.

In its common form, the nylon cable ties consists of a tape section with triangular teeth that slope in one direction. The head of the cable tie has a slot with a flexible pawl that rides up the slope of these teeth.

Nylon Cable Tie Size (MM)									
2.5X60	2.4"	4.5X150	6"	4.8x720	30"	7.6X380	15.2"	9.0x720	28"
2.5X80	3"	4.8X160	6.5"	4.8x760	30"	7.6x400	16"	9.0x760	30"
2.5X100	4"	4.8x180	7"	7.2x150	8"	7.6x450	18"	9.0x800	32"
2.5X120	5"	4.8X200	8"	7.2x200	8"	7.6x500	20"	9.0x850	34"
2.5X150	6"	4.8X250	10"	7.2x250	10"	7.6x550	22"	9.0x900	36"
2.5X160	6	4.8X280	11"	7.2x300	12"	7.6X600	24	9.0x1000	39"
2.5X200	8"	4.8X300	12"	7.2x350	14"	7.6X650	26	9.0x1200	47"
3.6X100	4"	4.8X350	14"	7.2X380	15.2"	7.6X700	28	12X270	10.6
3.6X120	5"	4.8X380	15"	7.2x400	16"	7.6X760	30	12X400	14.75"
3.6X150	6"	4.8X400	16"	7.2x450	18"	9.0x400	16"	12X500	20
3.6X180	7"	4.8X450	18"	7.2x500	20"	9.0x450	18"	12X600	21.3"
3.6X200	8"	4.8X500	20"	7.6x200	8"	9.0x500	20"	12X650	25.6"
3.6X250	10"	4.8X550	22"	7.6x250	10"	9.0x550	22"	12X700	27.5
3.6X300	12"	4.8x600	26"	7.6x300	12"	9.0x600	24"	12X760	30
3.6X370	15"	4.8x650	26"	7.6x350	14"	9.0x650	26"	12X800	31.5

# FIBER OPTICAL ACCESSORIES

## Velcro



## Descriptions

- Material :100%Nylon
- Usage: For Wires Tiding
- Type: Back To Back Cable Tie

## Feature

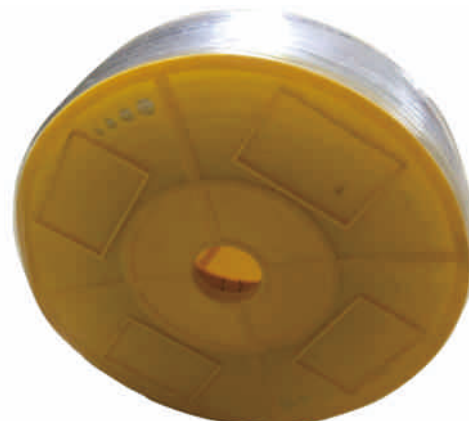
- Eco-Friendly
- Heat Resistance
- Reusable
- Flexible
- These Ends Of The Strap Can Be Straight Rounded

## Application

- Eco-Friendly
- Heat Resistance
- Reusable
- Flexible
- These Ends Of The Strap Can Be Straight Rounded



## Spiral tube /PU tube



## Descriptions

Spiral tube/PU tube, diameter and colour can be upon the request of the customer

# FIBER OPTICAL ACCESSORIES

## Heat shrinkable tube/ Sleeve



## Descriptions

- Description:
- Optical fiber heat shrinkable plastic sleeve
  - CE ROHS approved
  - Excellent reinforcement of fusion splicing portion
  - Reliable protection under any environment

Shrinkable sleeve is applied to the optical fiber closure to fix and protect the optical fiber when splicing. The sleeve can be divided into two types(single and mass) according to the function. The single type is used for the single-fiber, and the mass type is used for the ribbon fiber. It is different in the reinforcement between two types. The single one realizes the reinforcement by the stainless steel needles, the later one via the ceramic reinforcement member to realize the function. Mass means there are several cores for the fiber. So the mass sleeve includes 4cores,6cores,8cores,12cores(for types).

## Specifications

Shrinking Temperature (°C)	110 ~ 130
Radial Shrinking Rate (%)	>50
Axial Shrinking Rate (%)	<10
Low Temperature Property	No crackle at -55 ° C lasting 4 hours
Normal Operation Temperature ( ° C)	-55°C ~ + 135° C
Normal Operator Relative Humidity	≤ 95%
Spark- over Strength (kV/mm)	≥ 20
Tensile Strength (Mpa)	20
Loss at -40 °C	0.03dB
Loss at +60 °C RH95%	0.02dB





# Fan Out Kit

Fan out kit (Model A)



Fan out kit (Model B)



Fan out kit (Model C)



Fan out kit (Model D)



Fan out kit (Model E)



Fan out kit (Model F)



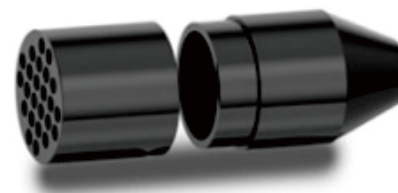
Fan out kit (Model G)



Fan out kit (Model H)



Fan out kit (Model I)



Fan out kit (Model J)



Fan out kit (Model K)



Fan out kit (Model L)



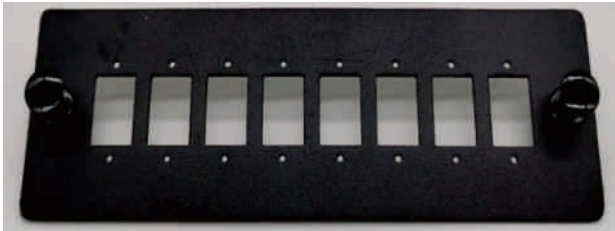
## Descriptions

The buffer-tube fan-out kits are intended for the furcation of buffer tubes onto 900µm legs as required to field-install connectors on bare fibres. Different kits are available for applications on stranded loose tube cables at indoor or outdoor cross-connection points. In combination with the transition kits the indoor buffer tubes fan-out kits can be also installed on single maxi-tube cables.

# FIBER OPTICAL ACCESSORIES

## Fiber Optic Adapter Plates

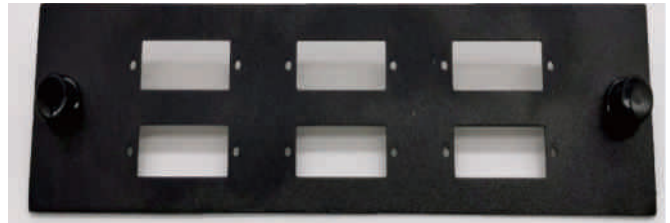
SC Fiber Optic Adapter Plate Type A



Size:128\*40mm

Fiber Optic Adapter Plates for fiber optic patch panel

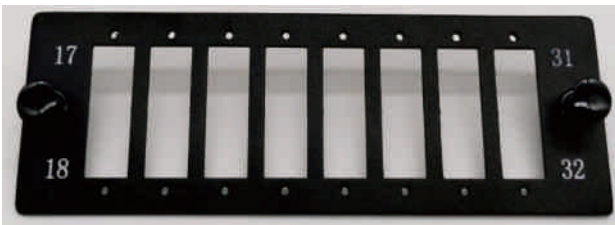
SC Fiber Optic Adapter Plate Type B



Size:128\*40mm

Fiber Optic Adapter Plates for fiber optic patch panel

SC Fiber Optic Adapter Plate Type C



Size:128\*40mm

Fiber Optic Adapter Plates for fiber optic patch panel

SC Fiber Optic Adapter Plate Type D



Size:128\*40mm

Fiber Optic Adapter Plates for fiber optic patch panel

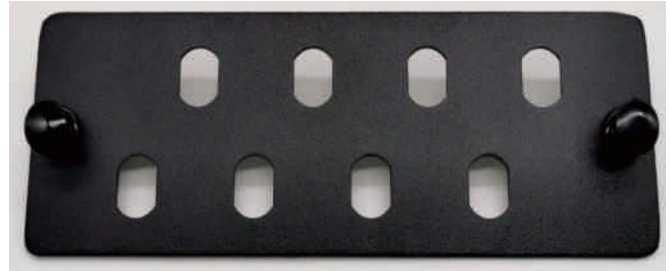
SC Fiber Optic Adapter Plate Type E



Size:128\*40mm

Fiber Optic Adapter Plates for fiber optic patch panel

ST Fiber Optic Adapter Plate Type F



Size:128\*40mm

Fiber Optic Adapter Plates for fiber optic patch panel

SC Fiber Optic Adapter Plate Type G



Size:180\*40mm

Fiber Optic Adapter Plates for fiber optic patch panel

SC Fiber Optic Adapter Plate Type H



Size:180\*40mm

Fiber Optic Adapter Plates for fiber optic patch panel

## Fiber Tray

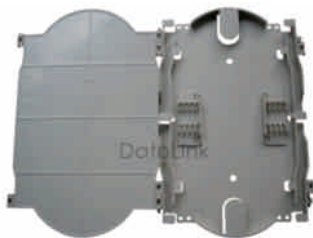
Fiber Tray type 1



Fiber Tray type 2



Fiber Tray type 3



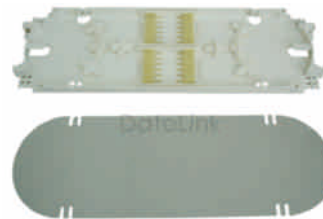
Fiber Tray type 4



Fiber Tray type 5



Fiber Tray type 6



Fiber Tray type 5



Fiber Tray type 6



## Descriptions

The Fiber Optic Splice Tray is a devices of connection cable The introduction of fiber optic splice tray, and welding, including final packaging. For fiber splicing, branch, cover can be flipped, the disc can be superimposed, expand capacity, install, extremely easy to use. It is an important part of the cable splice closure, fiber optic terminal box, fiber distribution boxes, cable junction boxes and other equipment.

# FIBER OPTICAL ACCESSORIES

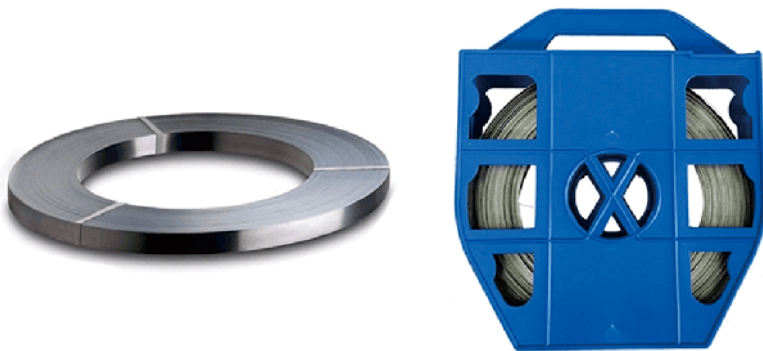
## Stainless Steel cable band & buckle



Product name: Stainless Steel Belt Buckle  
Size: 10mm (3/8") 13mm (1/2")  
16mm (5/8") 19mm (3/4")



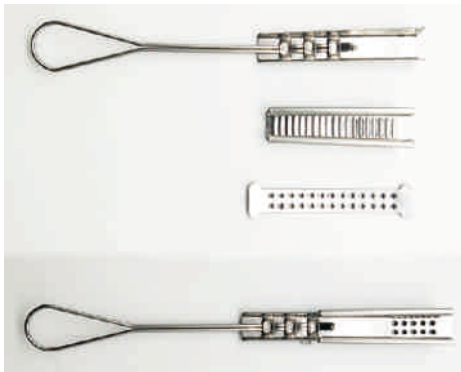
Product name: Stainless Steel Cable Tie  
Size: All Length Are Available  
Thickness: 0.25mm



## Descriptions

1. Attractive bright shining finish.
2. Round and smooth safety edges for easy handling.
3. High strength.
4. Impressive corrosion resistance properties!
5. It's the best selling stainless steel strapping!
6. Different types of stainless steel banding for different applications.
  - 1). Type 201 stainless steel banding has superior yield and tensile strength properties to provide maximum clamping strength. for traffic signs.
  - 2). Type 304 stainless steel banding are most common used and can be applied in almost any environment.
  - 3). Type 316 stainless steel banding are specialized for seaside cities or extreme corrosive environment, for example: in a chemical plant or oil field.

## ADSS Cable/Drop Cable Clamps



Product name: Drop Cable Tension Clamp  
 Length: 220mm  
 Weight: 40g



Product name: FTTH Pole Bracket  
 Size: 65\*65\*54mm  
 Weight: 139g



Product name: S hook type cable clamp  
 Length: 150mm  
 Thickness of steel hook: 4mm  
 Thickness of nylon: 7.2mm  
 Weight: 40.1g



Product name: Fiber Suspension Clamp  
 Size: 135\*27.5\*17mm  
 Weight: 28g



Product name: ADSS Optical Cable Suspension J Hook Clamp  
 Length: 125mm  
 Weight: 170g



Product name: Cable Clamp

# FIBER OPTICAL ACCESSORIES

## Fiberglass Duct Rodder



### Descriptions

Fiberglass duct rodder is an ideal tool for underground jobs such as pulling cables and lines through conduits, tubes, pipes or ducts. For its high tensile strength, wear-resistant surface and elastic body, it is widely used in the fields of telecommunication, electric power, water conservancy, etc.

#### Features :

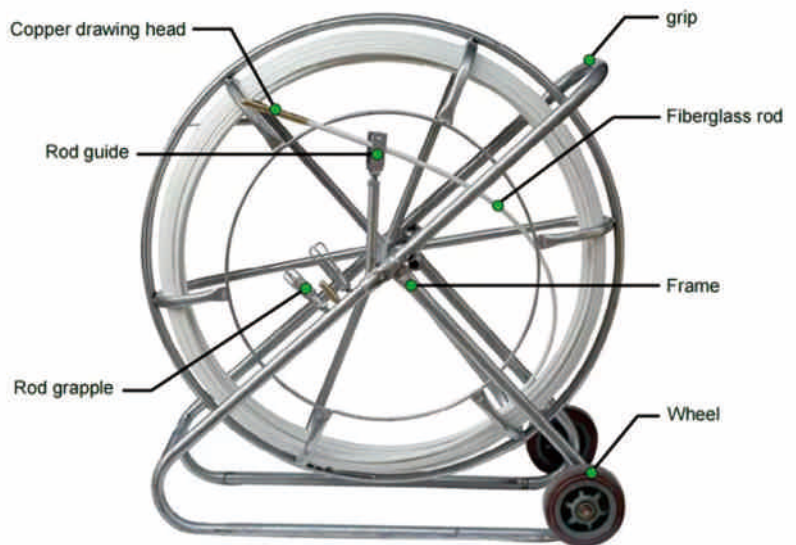
- Easy to install
- Anti UV Capability
- Resistance to acid, Alkali and Corrosion
- High tensile strength

#### Application :

- Telecom Cable (Fiber Optic Cable, CORD Cable, Networking Cable), Power Cable, Other type of cable

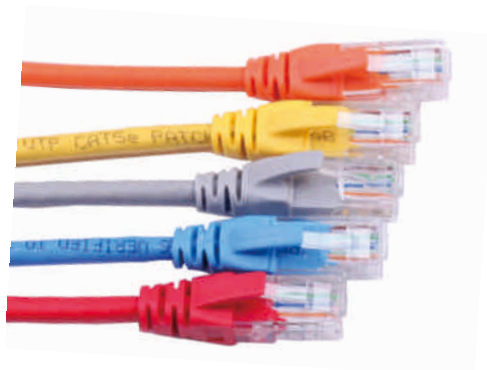


**Duct rodder frame**, used to place, push and draw back the fiberglass rod, commonly is composed of six components: fiberglass rod, copper head, rod guide, rod grapple, grip, steel frame. The welded frame, made of high quality steel, is strong enough to withstand the weight of the fiberglass rod. With powder coated or galvanized, the frame is rust resistant and corrosion resistant. At the same time, duct rodder with different color available can suit customers' various requirements. With the help of frame, the duct rodder is more easier to move at the job site. In addition, duct rodder with hand operated brake and rubber wheel also available. Generally, the medium sized duct rodder will be equipped with polyurethane wheels and large sized duct rodder will be equipped with rubber wheel.



## Cat5e/Cat6/Cat6A Patch cord

Cat5e patch cord cable



## Descriptions

<b>Plug</b>	50u" 8P8C 94-V2
<b>Cable</b>	Cat.5E U/UTP PVC / LSZH
<b>Conductor</b>	30AWG*4P(7/0.2) Bare Copper
<b>Certificate</b>	ETL / DELTA / UL
<b>*UL Listed</b>	E136825 (DUXR / DUXR7)
<b>Flame Retardant</b>	PVC: CM / CMR / CMP LSZH: IEC60332-1
<b>Standard</b>	ISO/IEC11801:2017 ANSI/TIA-568.2-D EN 50173-1:2011 EN 50173-2:2007 including amendment A1:2010 IEC61935-2:2010(Ed.3.0) (transmission requirements)
<b>PoE</b>	PoE / PoE+ / PoE++ (4PPoE)

Cat6 patch cord cable



## Descriptions

<b>Plug</b>	50u" 8P8C 94-V2
<b>Cable</b>	Cat.6 U/UTP PVC / LSZH
<b>Conductor</b>	24AWG*4P(7/0.2) Bare Copper
<b>Certificate</b>	ETL / DELTA / UL
<b>Flame Retardant</b>	PVC: CM / CMR / CMP LSZH: IEC60332-1
<b>Standard</b>	ISO/IEC11801:2017 ANSI/TIA-568.2-D EN 50173-1:2011 EN 50173-2:2007 including amendment A1:2010 IEC619352:2010(Ed.3.0) (transmission requirements)
<b>PoE</b>	PoE / PoE+ / PoE++ (4PPoE)

Cat6A patch cord cable



## Descriptions

<b>Plug</b>	50u" 8P8C 94-V2
<b>Cable</b>	Cat.6A SSTP PVC / LSZH
<b>Conductor</b>	26AWG*4P(7/0.16) Bare Copper
<b>Certificate</b>	ETL / DELTA / UL
<b>*UL Listed</b>	E136825 (DUXR / DUXR7)
<b>Flame Retardant</b>	PVC: CM / CMR / CMP LSZH: IEC60332-1
<b>Standard</b>	ISO/IEC11801:2017 ANSI/TIA-568.2-D EN 50173-1:2011 EN 50173-2:2007 including amendment A1:2010 IEC61935-2:2010(Ed.3.0) (transmission requirements)
<b>PoE</b>	PoE / PoE+ / PoE++ (4PPoE)

# NETWORK PRODUCTS

## Cat5e/Cat6/Cat6A Keystone jack

Keystone Jack, Cat5e, UTP, 90 Degree



Keystone Jack, Cat5e, UTP, 180 Degree



Keystone Jack, Cat6, UTP, 90 Degree



Keystone Jack, Cat6, UTP, 180 Degree



Keystone Jack, Cat6A, UTP, 90 Degree



Keystone Jack, Cat6A, UTP, 180 Degree



## Features

1. Type: Cat5e/CAT6 snap-in keystone jack (6P4C)/ (6P6C) Unshielded
2. Termination: 110 style 90 /180 degree punch down for 22-26 AWG solid wire.
3. T568A & TT568B wiring compatible
4. Housing: PC UL94V-0, high temperature thermoplastic
5. Contact: Phosphor bronze, with "3 to 50U" gold plate
6. Accept 22-26 AWG solid with a insulation diameter of 0.4-0.6mm
7. Easy to be terminated Low attenuation loss and high return loss.
8. Jack wiring: 50 -micron inch gold plate over 100 -micron inch nickel
9. IDC connector suitable for 110 punch down and Krone tool

## Technical Characteristics

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



## Cat5e/Cat6/Cat6A UTP/FTP patch panel

Patch Panel, Cat5e, UTP, 24 Port



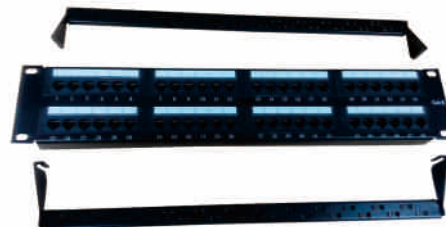
Patch Panel, Cat5e, UTP, 48 Port



Patch Panel, Cat6 UTP, 24 Port



Patch Panel, Cat6, UTP, 48 Port



Patch Panel, Cat6A, FTP, 24 Port



Patch Panel, FTP, 24 Port Empty



### Features

1. Designed for use with Cat5e UTP Patch Cables
2. 12/16/24/32/48 Ports available
3. Meet ANS/TIA/EIA 568B. 2. ISO/IEC 11801&EN501734. IDC contract material: Phosphor bronze with tin plating over nickel
4. Angle: 90 Degree
5. IDC: PC UL94V-0, white color. 110/krone/110 & krone Dual Use IDC available
6. With support hole for cable ties
9. Metal sheet: Corrosion resistant streets.
7. 19"metal plate housing, black color painting

### Technical Characteristics

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

# NETWORK PRODUCTS

## Rj45 Connector/ RJ45 Boots

Cat5E RJ45 Connector UTP



Cat5E RJ45 Connector FTP



Cat6 RJ45 Connector UTP



Cat6 RJ45 Connector FTP



Cat6A RJ45 Connector



RJ45 Boots



### Descriptions

- 1) RJ45 modular plug, cat5e modular plug, cat6 modular plug
- 2) OEM is available
- 3) Color optional
- 4) Gold or Nickel plated

### Specifications

- 1). Transparent color
- 2). Meet or exceed the requirement in the cat5e T568A and T568B
- 3). Contacts are nickel plated, phosphor bronze with 1U, 3U, 6U....50U gold plated
- 4). Exclusive stagger conductors guide design reduces near end cross talk
- 6) Accept 22AWG, 23AWG, 24AWG, 26AWG solid with a insulation diameter of 0.64mm, 0.56mm, 0.50mm, 0.40mm

## Face Plate

Face Plate, 86 Type, 1 Ports



Face Plate, 86 Type, 2 Ports



Face Plate, 86 Type, 2 Ports



Face Plate, 2 Ports



## Descriptions

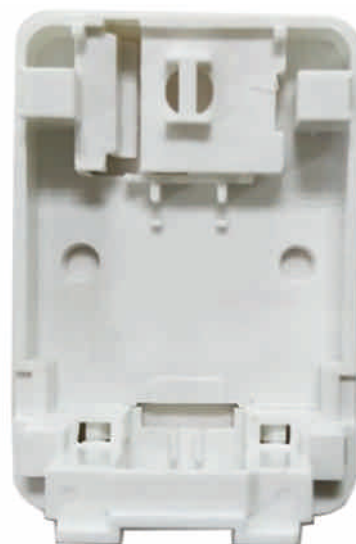
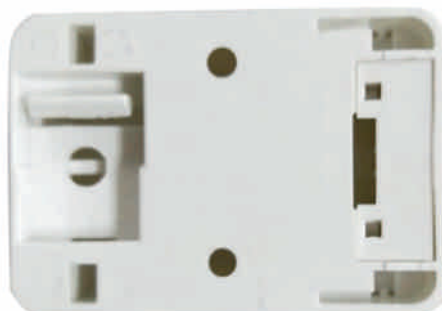
1. Slim design
2. Superior finishing providing a great appeal
3. Color matches with most of the electrical face plates
4. Label holder
5. Dust cover
6. Available in 1, 2, 3, 4, 6-port, 86\*86 or 86\*120
7. Suitable for keystone jack
8. Materials: PC ABS, Color: White, ivory

## Features

These wall plates are for use in conjunction with keystones and other inserts. You can use appropriate keystones to create a nicely finished, professionally installed look for Ethernet networks or Home Theater interconnects. Eliminate that mess of wires and hide them behind a wall with these face plates.

# NETWORK PRODUCTS

## Empty Rosette



### Descriptions

- \*RJ45 socket box 1-port unshielded
- \*Size: 60\*41\*25mm
- \*Material:ABS
- \*Color: White
- \*QC:100% testing
- \*Humidity:10% ~ 90%RH
- \*Temperature:-20℃~ 60℃
- \*OEM /ODM:Available

### Installation

By screws or by sticker

### Applification

For home ,hotel, office and buildings



### Descriptions

- \*RJ45 socket box 2-port unshielded
- \*Size: 70\*60\*27mm
- \*Material:ABS
- \*Color: White
- \*QC:100% testing
- \*Humidity:10% ~ 90%RH
- \*Temperature:-20℃~ 60℃
- \*OEM /ODM:Available

### Installation

By screws or by sticker

### Applification

For home ,hotel, office and buildings

# Cable Management

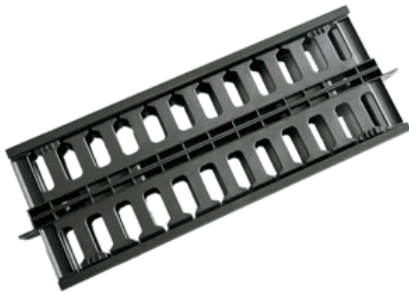
1U 12 Port Single Sided



2U 12 Port Single Sided



1U 12 Port Dual Sided



2U 12 Port Dual Sided



Vertical Cable Manager, single sided



Vertical Cable Manager, Dual sided



## Descriptions

1. Reasonable cable routing makes installation and maintenance very convenient.
2. After the cable is pressed into the cable manager, the dust cover is fastened to cover the chaotic cable, which is beautiful and generous.
3. The characteristics of the cable organizer itself is to use high-strength steel with elasticity to ensure no damage to the cable, and it is very convenient to disassemble.
4. Improve wiring and adapt to future movements and changes.
5. Reduce the confusion of the buckle.
6. The cabinet is equipped with high-quality steel plate, the surface is sprayed, the stone is beautiful and beautiful.
7. Designed and produced according to the ISO/IEC 11801 and EIA/TIA-568B standards.
8. 19" cabinet designed according to international standards.

# NETWORK PRODUCTS

## LAN Cable

### Cat5e Utp Cable



### Features

ANSITIA/EIA 568-B. 2  
En50173  
EN50288-3-1  
ISO/IEC11801  
NEMA WC63.1  
UL, 3P, ETL  
YD/T 1019-2001

### Application

10BASE-T (IEEE802.3)  
100BASE-T (IEEE802.3)  
155MbpsATM  
100Vg-AnyLAN (IEEE802.12)  
TP-PMD (ANSI X3T9.5)  
16Mbps Token Ring (IEEE802.5)  
1000BASE-T (IEEE802.3ab)

### Instruction

24AWG simple (Solid)  
High Degree PE Insulation  
4-pair  
Cable Jacket: PVC, FRPVC, LSOH

### Cat6 UTP Cable



### Features

ANSITIA/EIA 568-B. 2  
En50173  
EN50288-3-1  
ISO/IEC11801  
NEMA WC63.1  
UL, 3P, ETL  
YD/T 1019-2001

### Application

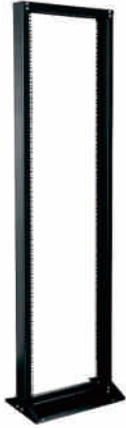
10BASE-T (IEEE802.3)  
100BASE-T (IEEE802.3)  
155MbpsATM  
100Vg-AnyLAN (IEEE802.12)  
TP-PMD (ANSI X3T9.5)  
16Mbps Token Ring (IEEE802.5)  
1000BASE-T (IEEE802.3ab)

### Instruction

24AWG simple (Solid)  
High Degree PE Insulation  
4-pair  
Cable Jacket: PVC, FRPVC, LSOH

## Network Cabinet

**DTL-OP01 Network Cabinet (Floor-standing)**



**DTL-S02 Network Cabinet (Floor-standing)**



**DTL-W03 Wall mounted cabinet**



**DTL-W04 Wall mounted cabinet**



### Descriptions

The small Network Cabinet or small server cabinet, with the space from 2U to 20U, and 19" installation rack, is used for server equipment in office building, or company data center. It is suitable for the users with single or small quantity server requirements, such as office buildings, shopping mall and so on.

### Features

1. Exquisite design with precise craftsmanship;
2. Toughened glass front door steel rear door;
3. Steel rear door with little round lock, optional other lock;
4. Removable side panel with latch, easy to install, optional lock;
5. Adjustable feet and castors are available simultaneously;
6. Cable entry on the top, adjustable cable entrance at the bottom with panel;
7. Spring locks for front door, optional other lock;
8. Various optional accessories for common using;

### Application

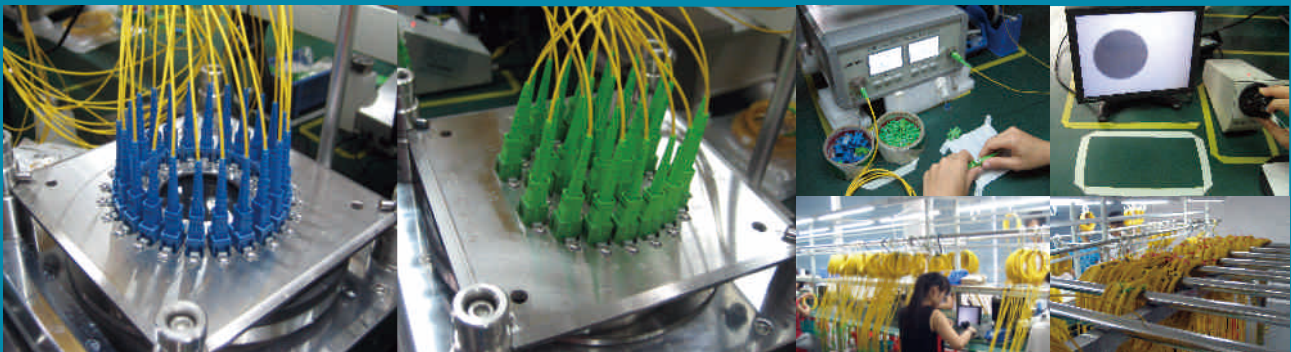
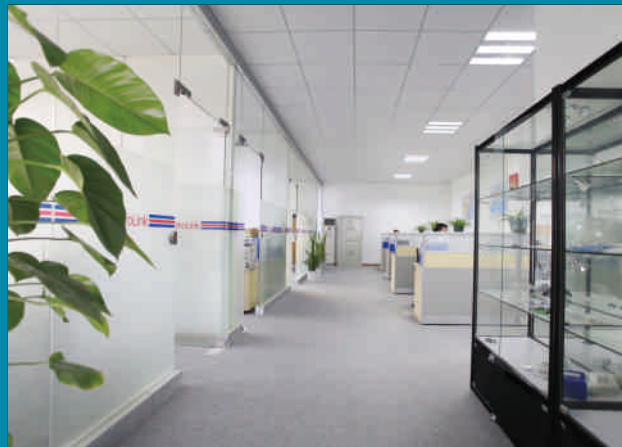
The small server cabinet is used for server equipment in office building, or company data center. It is suitable for the users with single or small quantity server requirements, such as office buildings, shopping mall and so on.

# COMPANY PROFILE

Datolink Ltd was founded in the January of 2007 by several engineers, who have had many years experience in fiber optical as well as in structured cabling industry. Datolink is a high technology oriented company with fiber optical products and structured cabling. We are dedicated to the design, manufacture and sales, meanwhile, we can provide customers with complete cabling solutions in installation and maintenance.

The company has a strict and comprehensive system of quality control and approved the standard ISO9001: 2000. Is well connected with raw materials providers and factories worldwide, to offer customers a broad line of products with competitive prices and very soon time of delivery.

Our products have been exported to over 40 countries and regions in whole Europe, Middle East, Southeast Asia, Latin America, etc. Datolink Ltd is committed to offer the partners high quality products and professional services, we look forward for the successful development with mutual-benefits, for casting the future of fiber optical and structured cabling!



## Datolink Ltd

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