

OUTDOOR WALL-MOUNTED TYPE

FSLPP-OW



Description

FSLPP-OW12, 12 Cores, Outdoor wall mount patch panel, Dimension: 305*305*55mm

FSLPP-OW24, 24 Cores, Outdoor wall mount patch panel, Dimension: 390*360*70mm

FSLPP-OW36, 36 Cores, Outdoor wall mount patch panel, Dimension: 400mm*400mm*100mm

FSLPP-OW48, 48 Cores, Outdoor wall mount patch panel, Dimension: 400mm*400mm*100mm

FSLPP-OW72, 72 Cores, Outdoor wall mount patch panel, Dimension: 400*450*125mm

FSLPP-OW96, 96 Cores, Outdoor wall mount patch panel, Dimension: 550*450*160mm

GP(05)-B



Description

12 Cores Outdoor wall mount patch panel, without pigtails or adapters, Dimension: 455*405*80mm

24 Cores Outdoor wall mount patch panel without pigtails or adapters, Dimension: 455*405*80mm

48 Cores Outdoor wall mount patch panel, without pigtails or adapters, Dimension: 455*405*120mm

72 Cores Outdoor wall mount patch panel, without pigtails or adapters, Dimension: 455*405*150mm

96 Cores Outdoor wall mount patch panel, without pigtails 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

OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



Specification

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



Specification

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



Specification

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



Specification

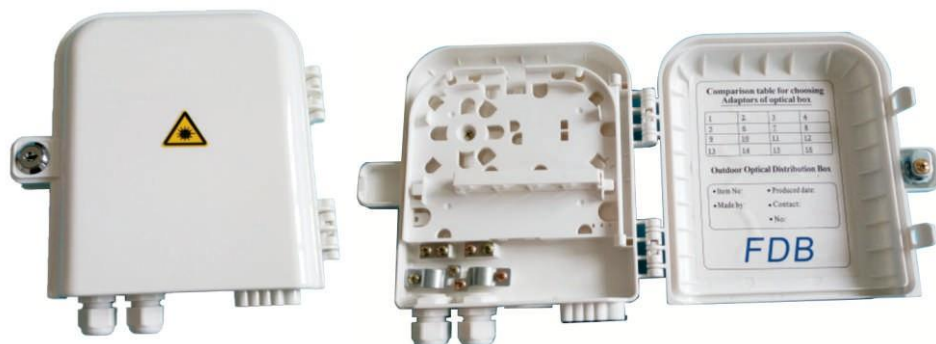
Module No:FSLTB-8A
Core: 8 cores
Size:213*163*47mm



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



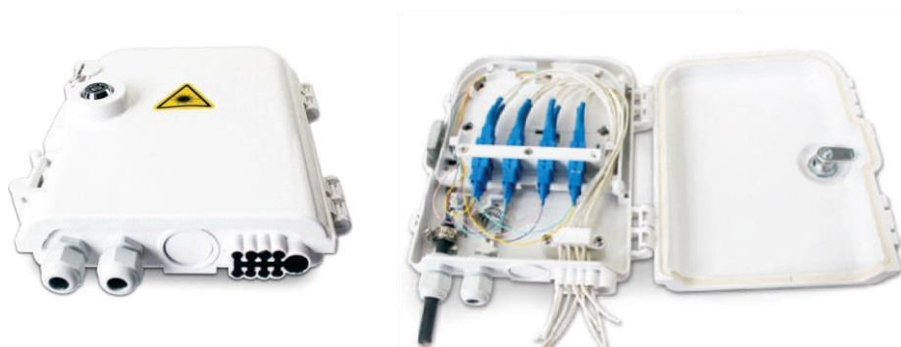
Specification

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



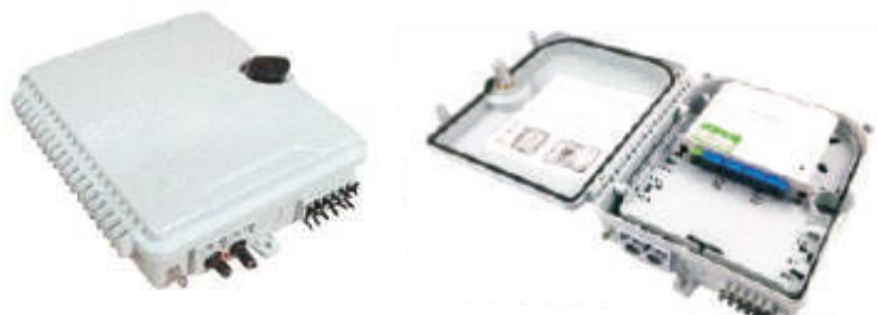
Specification

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



Specification

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



Specification

Module No:FSLTB-8E
Core: 8 cores
Size:225*200*65mm



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



Specification

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



Specification

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



Specification

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



Specification

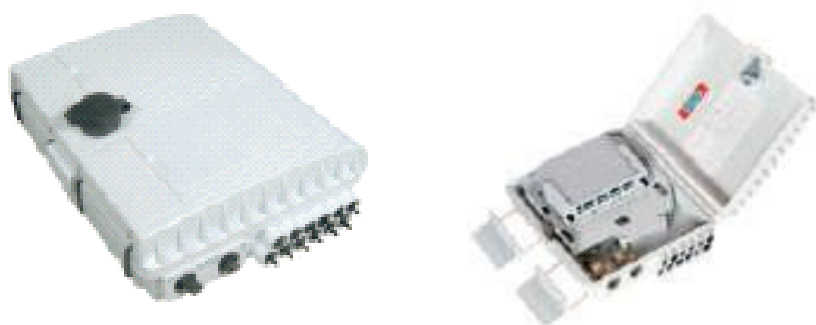
Module No:FSLTB-8I
Core: 8 cores
Size:250*200*55mm



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



Specification

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



Specification

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



Specification

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



Specification

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



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



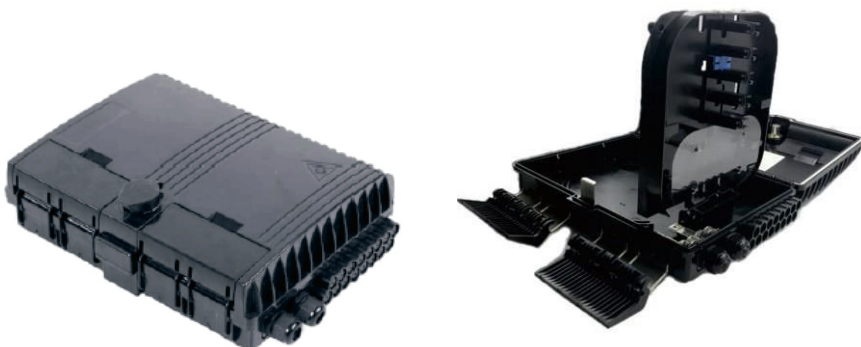
Specification

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



Specification

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



Specification

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



Specification

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



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



Specification

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



Specification

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



Specification

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



Specification

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



OPTIC FIBER PASSIVE SERIES

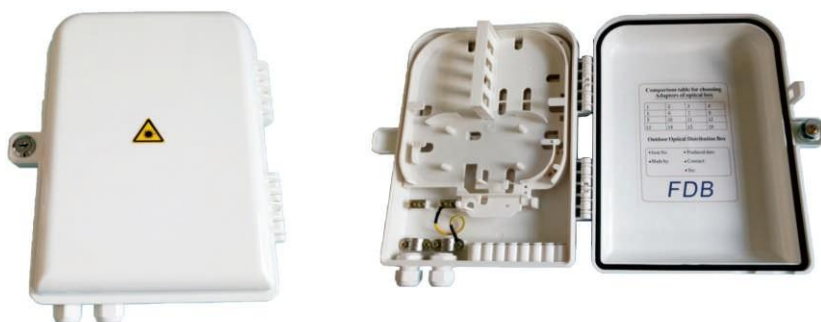


TERMINAL BOX



Specification

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



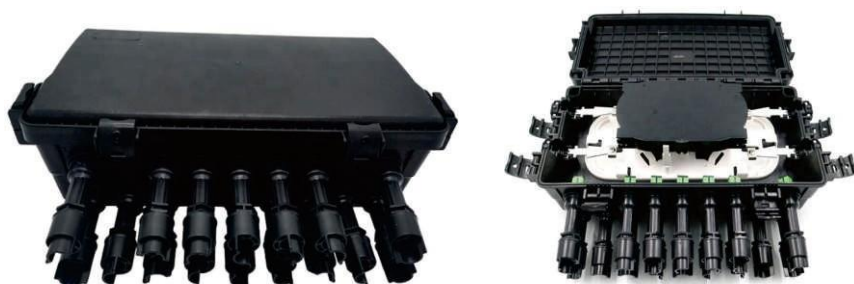
Specification

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



Specification

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



Specification

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



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



Specification

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



Specification

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



Specification

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



Specification

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



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



Specification

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



Specification

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



Specification

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



Specification

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



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX

Specification

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

Specification

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

Specification

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

Specification

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



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



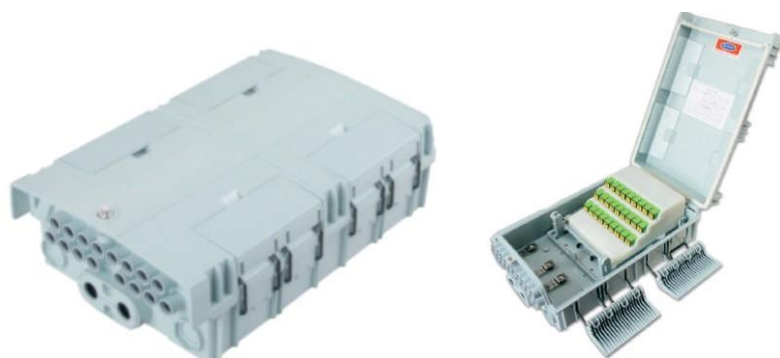
Specification

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



Specification

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



Specification

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



Specification

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



OPTIC FIBER PASSIVE SERIES



TERMINAL BOX



Specification

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



Specification

Module No:FSLTB-48A
Core: 48 cores
Size:370*360*140mm



Specification

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



Specification

Module No:FSLTB-96A
Core: 96 cores
Size:285*175*90mm



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

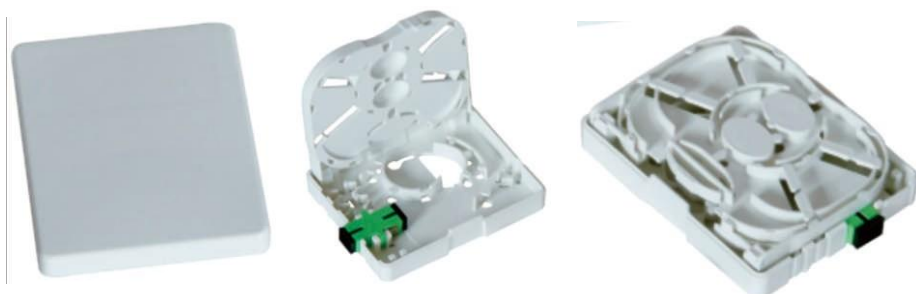
Module No:FRB-1C
Core: 1 cores
Size:120*89*25mm



Specification

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

FIBER OPTIC FACEPLATE



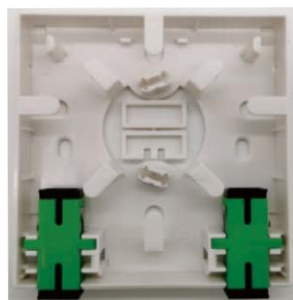
Specification

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



Specification

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



Specification

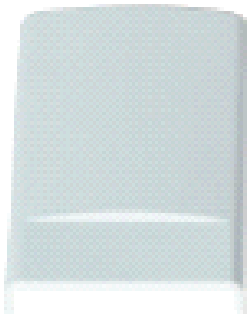
Module No:FRB-2D
Core: 2 cores
Size:86*86*24mm



Specification

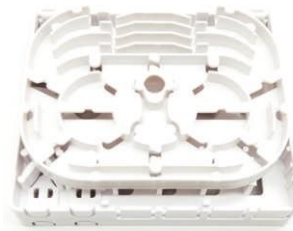
Module No:FRB-2E
Core: 2 cores
Size:90*90*16mm

FIBER OPTIC FACEPLATE



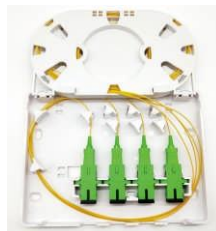
Specification

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



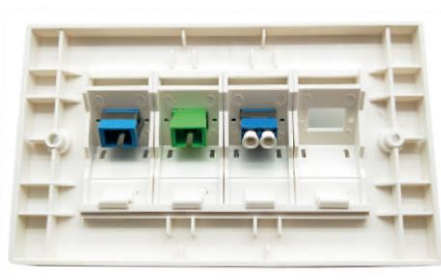
Specification

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: FSLCE-DH1
Core: (12-48) cores
Size: $\phi 178 \times 299 \text{mm}$



Specification

Module No: FSLCE-D1
Core: (12-48) cores
Size: $\phi 178 \times 288 \text{mm}$



Specification

Module No: GPJM3-JF
Core: (24-96) cores
Size: $\phi 190 \times 410 \text{mm}$



Specification

Module No: GPJM5-JF
Core: (24-144) cores
Size: $\phi 230 \times 435 \text{mm}$



OPTIC FIBER PASSIVE SERIES



DOME & HEAT SHRINKABLE TYPE SPLICE CLOSURE



Specification

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



Specification

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



Specification

Module No: FSLH02
Core: (12-96) cores
Size: $\phi 190 \times 415$ mm



Specification

Module No: FSLH03
Core: (24-144) cores
Size: $\phi 230 \times 470$ mm



OPTIC FIBER PASSIVE SERIES



HORIZONTALTYPE FIBER OPTIC SPLICE CLOSURE



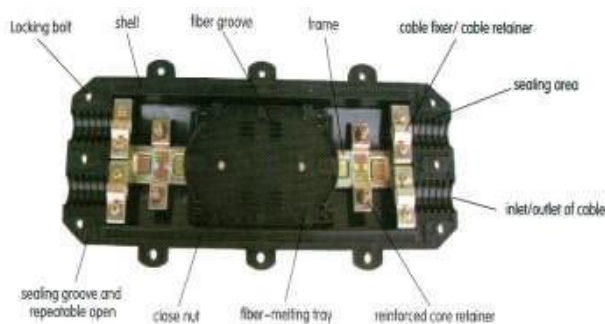
Specification

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



HORIZONTALTYPE 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

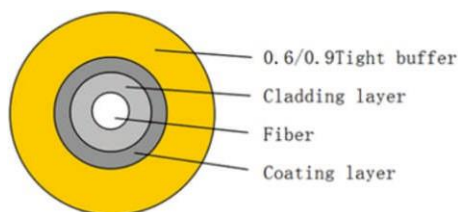


Specification

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

INDOOR CABLE (Tight-buffer cable)

0.6/0.9mm LSZH/ PVC/ NylonTight BufferFiber



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.

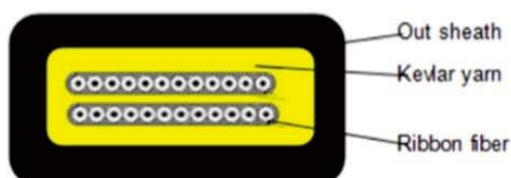
Application

- 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

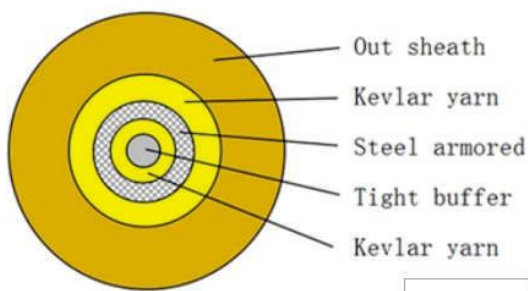
- Adopted to indoor distribution.
- As pigtail of communication equipment.
- Suitable for communication equipment served.

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 pigtails 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

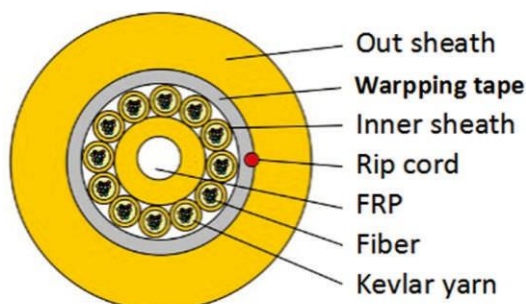
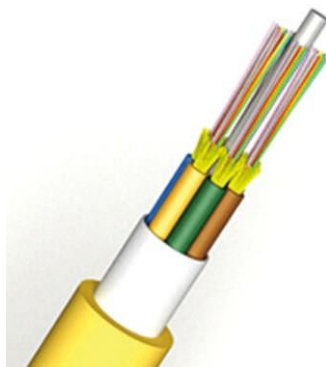
1. Adopted to indoor network.
2. As pigtail or patch cord of communication equipment.
3. Suitable for floor connection.

Characteristics

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

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

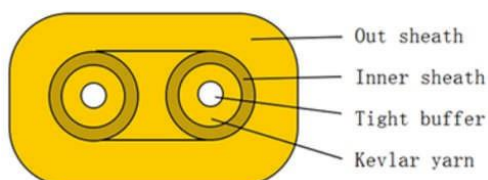
- Indoor any purpose cable distribution, Backbone distribution cable in a building.

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 900µm or 600µm 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

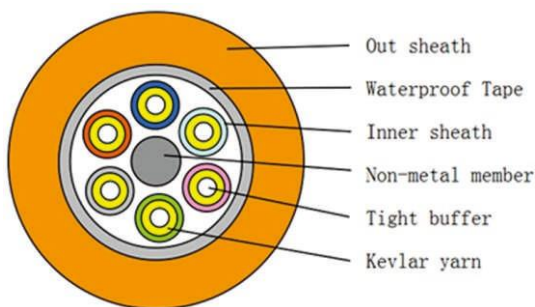
- Adopted to indoor distribution;
- As pigtail of communication equipment;
- Suitable for communication equipment;
- Can be installed conveniently.

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 pigtails 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, Zerohalogen, Flame-retardant) jacket.

Application

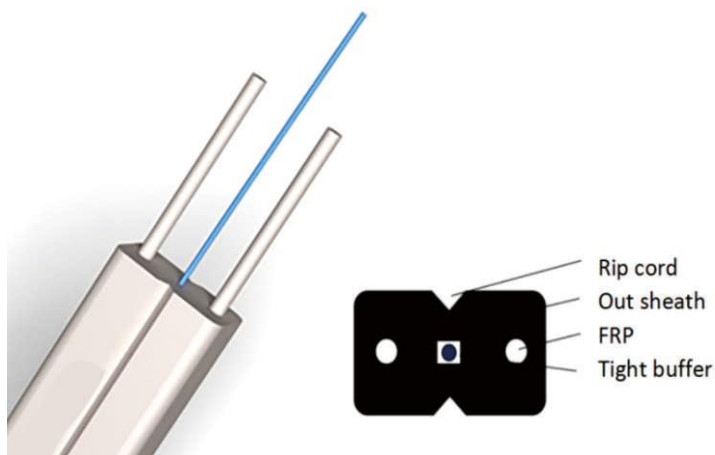
- Used in indoor cabling, especially used as breakout cable;
- As pigtail of communication equipment;
- Suitable for communication equipmentserved;
- All-purpose mini indoor cable
- Can use MPO, MTP connector.

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;

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.

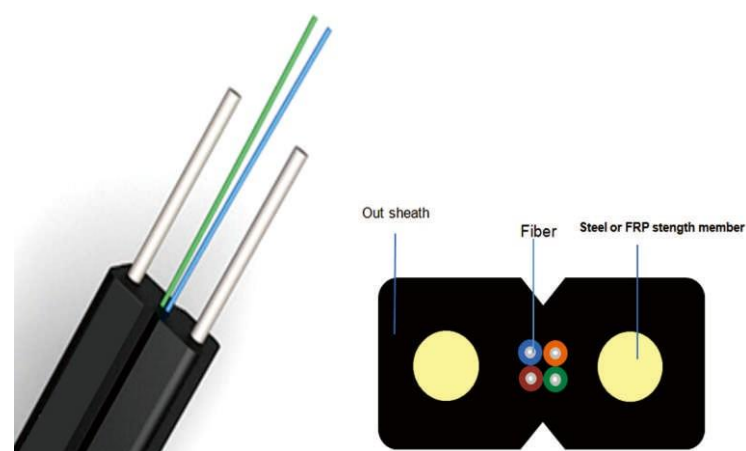
Application

- 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

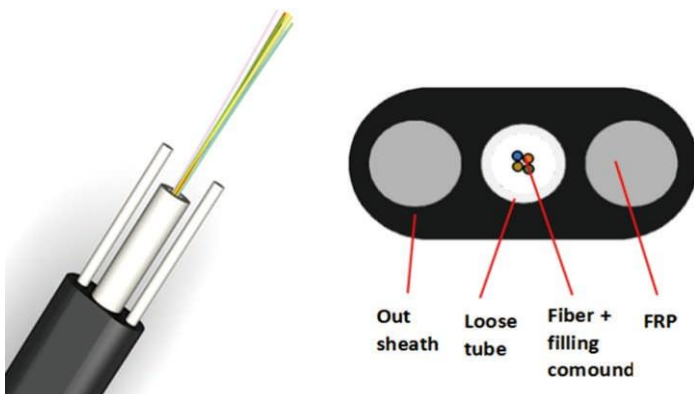
- Adopted to indoor distribution;
- As pigtail of communication equipment;
- Suitable for communication equipment;
- Can be installed conveniently.

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 Losse 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.

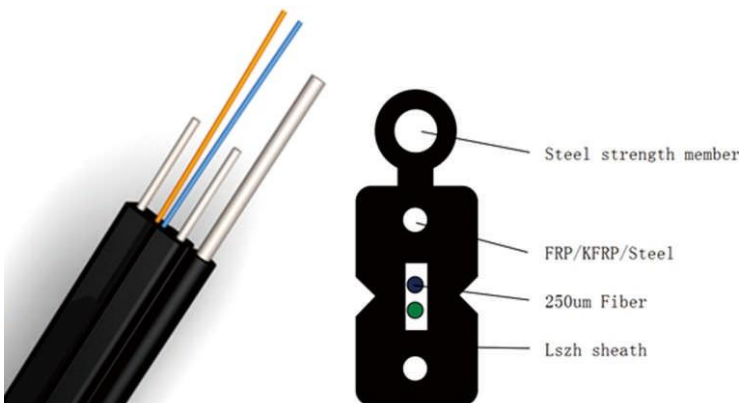
Application

- 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 bandwiFSh, 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 verticaldistribution.
- Suitable for connect with communication equipment.
- Long distance and local area network communication.

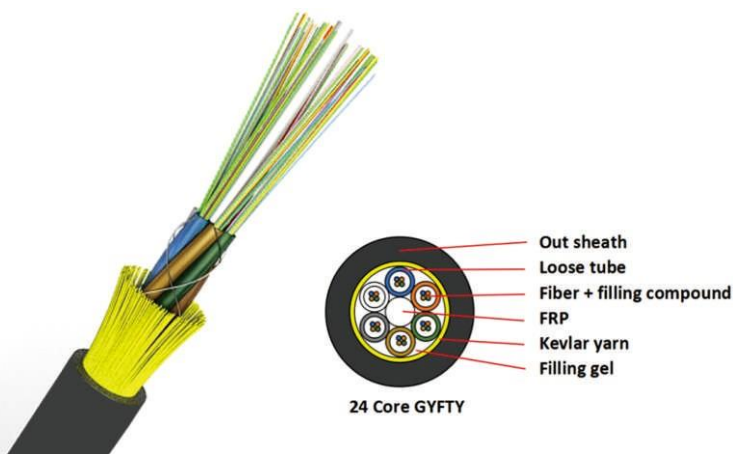
Characteristics

- 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

OUTDOOR CABLE

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

Fiber Optic Cable



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.

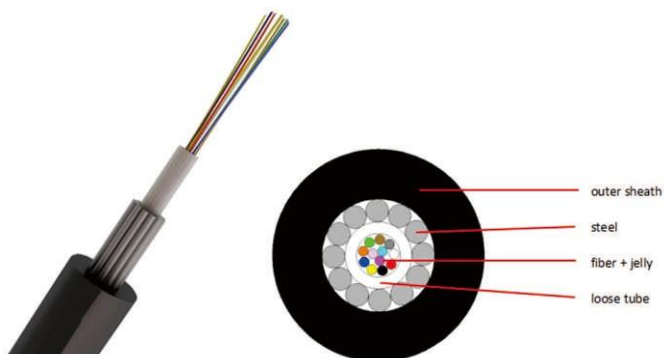
Application

- 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

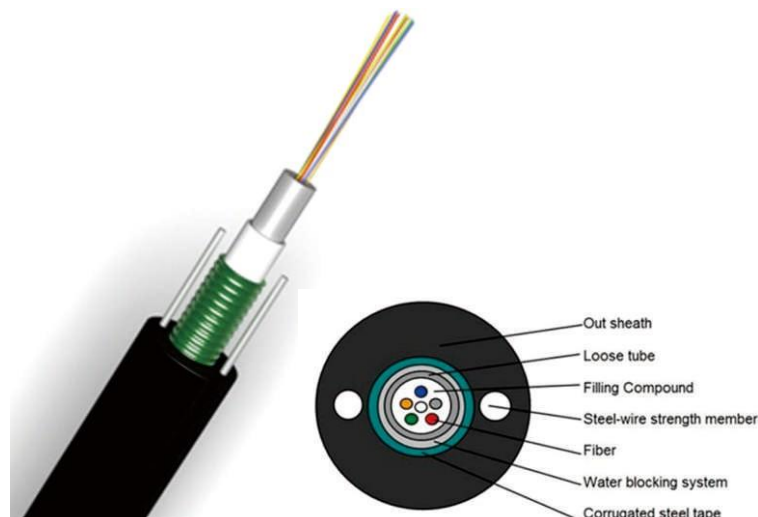
The actual status of overhead power lines ,covers the general requirements of sing jacket ADSS dielectric Cable for aerial or duct or undergroundduct

Characteristics

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

OUTDOOR CABLE

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.

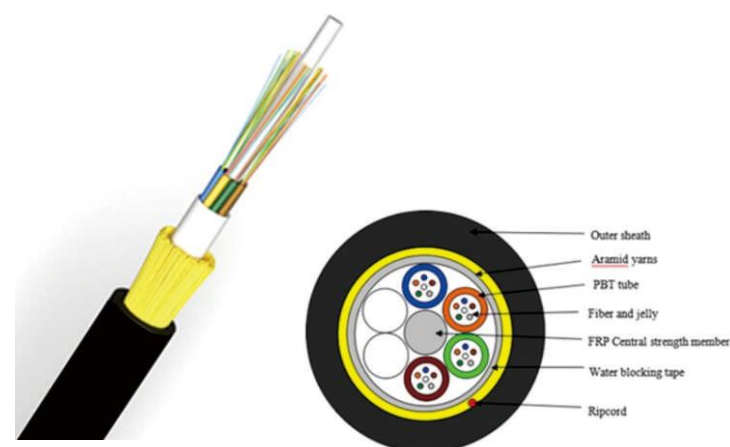
Application

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 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

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 Chaneel
- 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) Gigabat Ethernet
- 2) ATM
- 3) SONET/SDH

ACTIVE OPTIC FIBER SERIES



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+ formfactor
- 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 bitrates
- 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



ACTIVE OPTIC FIBER SERIES



Cisco Compatible

Part Number	Description	Part Number	Description
FE SFP		GE SFP	
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
OC-3		GLC-BX-U40	1000BASE BX TX1310nm/Rx1490nm Single Mode 40Km
SFP-OC3-MM	OC3/STM-1 1310nm Multimode 2Km	CWDM	
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	SFP+	
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
CO-12		XFP	
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	DWDM-XFP	
OC-48		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

GE SFP		FE SFP	
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	CWDM SFP	
SFP-GIG-LH70	1000BASE-ZX 1550nm Single Mode 70Km	SFP-GIG-XX-CWDM60	1000BASE CWDM Tx1470nm-1610nm Single Mode 60Km
BIDI SFP		XFP	
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		



AOC CABLE

10G SFP+AOC



25G SFP28+AOC



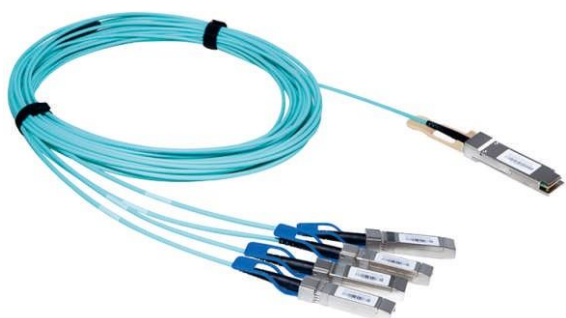
40G QSFP-4SFP AOC



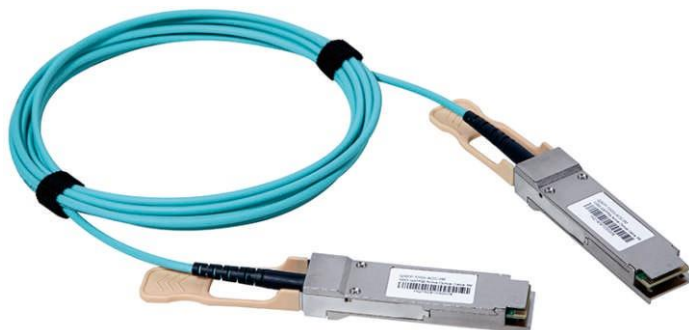
40G QSFP-QSFP AOC



100G QSFP28-4SFP28 AOC



100G QSFP28-QSFP28 AOC



DAC CABLE

10G SFP+ DAC



40G QSFP+ DAC



40G QSFP-4SFP DAC



100G QSFP28 DAC



100G QSFP28-4SFP28 DAC



400G QSFP-DD-DAC



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)



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.

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

One Click Cleaner 1. 25mm



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, SMA D-4, DIN, and Diamond connector faces
Specification:
Ferrule: $\varnothing$ 2.5mm $\varnothing$ 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



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.

60ML	Size:80*43mm	Weight:0.025Kg
250ML	Size:120*60mm	Weight:0.04Kg





Power Meter-1102



Power Meter-3116



Power Meter-3205



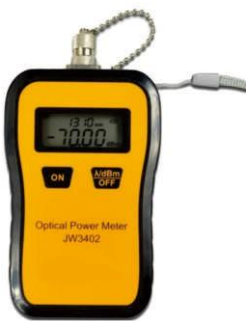
Power Meter-3208



Power Meter-3223



Power Meter-3402



Power Meter-3211



PON Power Meter-3213



FIBER OPTIC TESTERS & TOOLS



Visual Fault Locator

VFL-3105A



VFL-5MW



VFL-10MW



VFL-20MW



VFL-20MW



VFL-30MW



Descriptions

Visual fault locator has the function of fiber identification and faults locator of SM or MM fiber, it is a helpful assistant to dead zone of OTDR, it is also a basic maintenance tool for fiber network, LAN, ATM fiber system and telecom network system.

Features

Bright red laser
Pulsed and CW operation
Standard AA alkaline batteries
Rugged and weatherproof design
2.5mm universal connector
Fast locate the broken point;
CE Qualified

Adjustable Light Source



FSL3116



FSL3109

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 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/pigtail 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

FIBER OPTIC TESTERS & TOOLS



OTDR

Basic Fiber Tester

OTDR-3305A



OTDR-NK5000



OTDR-NK5600



OTDR-TLO300



OTDR-3302



OTDR-3302F



OTDR-AE1001



OTDR-AQ1210A

