Fiber Solutions

Light Line

04

WWW.FUMOTELECOM.DE

Active Optical Cables

40G QSFP+ to 8 LC Breakout Active Optical Cable, 10M

Code N.: FT AOC-QSFP+-8LC-10

This product is a high data rate parallel active optical cable (AOC), to overcome the bandwidth limitation of traditional copper cable. The AOC offers 4 independent data transmission channels and 4 data receiving channels via the multimode ribbon fibers, each capable of 10Gbps operation. Consequently, an aggregate data rate of 40Gbps over 100 meters transmission can be achieved by this product, to support the ultra-fast computing data exchange.

Applications:

Infiniband transmission at 4ch SDR(2.5Gbit/s), DDR(5Gbit/s) and QDR(10Gbit/s)
Multi-channel 10Gb Ethernet transmission up to 4 channels
Fiber Channel transmission at 8.5Gbit/s per channel, up to 4 channels
QSFP+ to LC cables with MT connectors for plugging into existing cable runs or patch pannels
Creating a breakout cable with four Duplex LC connectors for port expander applications
SDR / DDR / QDR

Active Optical Cables

56G QSFP+ to QSFP+ FDR Active Optical Cable, 30M

Code N.: FT AOC-56GQSFP-30

Fumo Telecom SFP+ Active Optical Cables are hot-swappable, low-voltage cable assemblies that connect directly into SFP+ modules at both ends.These cables use a 20-position connector with active circuitry to increase distances and to improve EMI and reduce signal loss.

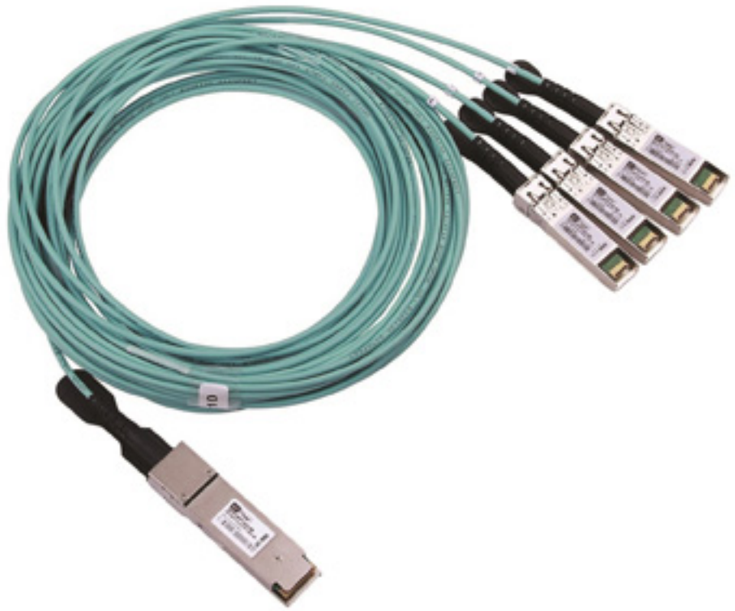
Applications:

InfiniBand FDR
16G Fiber Channel
SAS 3.0
High performance computing interconnect
Datacom and Telecom switch or router backplane connection
Inquiry Form
Choose Product *

Active Optical Cables

40G QSFP+ to 4 10G SFP+ Active Optical Cable, 10M

Code N.: FT AOC-QSFP+-10G4SFP+-10



Fumo Telecom QSFP+ to 4x SFP+ breakout Active Optical Cable offers IT professionals a cost-effective interconnect solution for merging 40G QSFP and 10G SFP+ enabled host adapters, switches and servers. A side is a QSFP+ optical connector, B side is 4 SFP+ optical connectors.

Applications:

40 Gigabit Ethernet
Fibre Channel Applications
InfiniBand QDR, SDR, DDR
High-performance computing clusters
Servers, switches, storage and host card adapters

Active Optical Cables

10G SFP+ to SFP+ Active Optical Cable, 10M

Code N.: FT AOC-10GSFP-10

10G SFP+ to SFP+ Active Optical Cable, 10M

Fumo Telecom SFP+ Active Optical Cables are hot-swappable, low-voltage cable assemblies that connect directly into SFP+ modules at both ends.These cables use a 20-position connector with active circuitry to increase distances and to improve EMI and reduce signal loss.

Applications:

10 Gigabit Ethernet
4G and 8G Fibre Channel Applications
1x InfiniBand QDR. DDR, SDR
High-performance computing clusters
Servers, switches, storage and host card adapters

Armored - Singlemode 9/125 OS1 & OS2

Code N.: LLCAU9+

General standards

General: UniLooseTube cable, outdoor, PE, metallic armouring, two steel wires, singlemode — Corrugated steel tape armouring PE sheath
Standards: EN 50173-1:2002, cat. OS1/OS2 - ISO/IEC 11801:2002 2nd ed., cat. OS1/OS2 - IEEE 802.3-2002

Application

Developed to be the ultimative option of the central-loose-tube outdoor cables family, featuring a metallic armouring. The plastic core with a jelly-filled helical coated channel, Spiral Space® design, contains up to 24 fibers, wrapped longitudinally with swelling tape, followed by an overlapping corrugated steel tape, and finally coated by a PE outer-sheath with two high tensile strength steel wires. Suitable for duct or direct burial installations. Also for artic climate when the soil around the cable can be frozen; extra high crush strength.

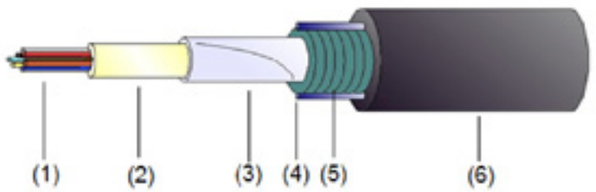
CABLE DIAGRAMM CONSTRUCTION

1 – Optical Fibers: up to 24 x 9/125µm colors red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink, (>12-fo colored synthetic binder)

2 – Central Plastic core (Jelly-Filled):
Diameter: 5,0mm (nominal)
Thickness: 0,5mm – 0,7mm (nominal)
Color: white

3 – Wrapping: swelling tape material

4 – Corrugated Steel Tape:
Thickness: 0,155mm (nominal)
Overlap: 3,0mm (nominal)



5 – Strength Members:
Material: steel wires
Diameter: 1,4mm (nominal) Diameter: 11,7mm (nominal)

6 – Outer Sheath:
Material: PE (Polyethylene) black
Thickness: 2,4mm (nominal)
Diameter: up to 11,7mm (nominal) according to fibers count

MECHANICAL PERFORMANCE - CABLE

Features			Test Method
WEIGHT	kg/km	175	IEC 60794-1-F1
TEMPERATURE RANGE	°C	-10 up to + 60	IEC 60794-1-E11
BENDING RADIUS	mm	oper.: 240 / inst.: 270	IEC 60794-1-E1
TENSILE STRENGTH	N	oper.: 3500 / inst.: 5000	IEC 60794-1-E3
CRUSH RESISTANCE	N/10cm	4000	IEC 60794-1-E3
IMPACT RESISTANCE	Nm	25	IEC 60794-1-E4

OPTICAL PERFORMANCE – FIBERS (acc. to ITU-T G.652.D, IEC60793-2-50 Cat. B1.3,EN60793-2-50 Class B1.3)

Item		Singlemode (ITU-T G.652.D)	Test Method
CORE DIAMETER	µm	9,2 ± 0,4	IEC 60793-1-45
CLADDING DIAMETER	µm	125 ± 1	IEC 60793-1-20
CLADDING NON-CIRCULARITY	%	≤1	IEC 60793-1-20
CORE/CLADDING CONCENTR.	µm	≤0,6	IEC 60793-1-20
TYP. ATTENUATION @ 1310-1625nm	dB/km	≤0,93	IEC 60793-2-50
TYP. ATTENUATION @ 1550nm	dB/km	≤0,25	IEC 60793-2-50
CHROM. DISP. @ 1285-1330nm	ps/nm*km	≤3	IEC 60793-1-42
CHROM. DISP. @ 1270-1340nm	ps/nm * km	≤6	IEC 60793-1-42
CHROM. DISPERSION @ 1550nm	ps/nm * km	≤18	IEC 60793-1-42
CUT-OFF WAVELENGTH	λc nm	high: 1330 / low: 1150	IEC 60793-1-44
AVERAGE	λcc nm	≤1260	IEC 60793-1-44
POLARISATION MODE DISP. (PMD)	ps/√km	≤0,5	IEC 60793-1-48
PMDQ LINK DESIGN VALUE	ps/√km	≤0,2	IEC 60794-3
ENTIRE RANGE OF SPEC'S FOR sm FIBER REFER TO		LL-F-003-smD	

— On request, fibers featuring other than the above staed specifications can be quoted —

OTHER CHARACTERISTICS

Wavelength range (nm)	
Fiber requirements	ISO/IEC 11801:2002 cat. OS1/OS2, EN50173-1:2002 cat. OS1/OS2, IEEE 802.3-2003, IEEE 802.3ae
Marking	ww / yyyy LightLine LLCAU9+ no. fo. E9/125 metric
Typical delivery length	4000m ± 300m per drum

Armored – Unitube Multimode 50/125 OM2

Code N.: LLCAU50+

General standards

General: UniLooseTube cable, outdoor ,PVC, metallic armoring, 50µm — Corrugated steel tape armoring PVC-FieBur® sheath
Standards: EN 50173-1:2002, cat. OM2 - ISO/IEC 11801:2002 2nd ed., cat. OM2 - IEEE 802.3-2002

Application

Developed to be the best option of the central-loose-tube in-/outdoor cables family, featuring a metallic armouring. The jelly-filled plastic compound tube contains up to 24 fibers, embedded in a layer of strength members, followed by an overlapping corrugated steel tape, and finally coated by a FireBur®-LSZH outer-sheath. Corrugated steel armouring is considered one of the most secure rodent resistant and water-proof protections in cables.

CABLE DIAGRAMM CONSTRUCTION

1 – Optical Fibers: up to 24 x 50/125µm colors red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink, (>12-fo colored synthetic binder)

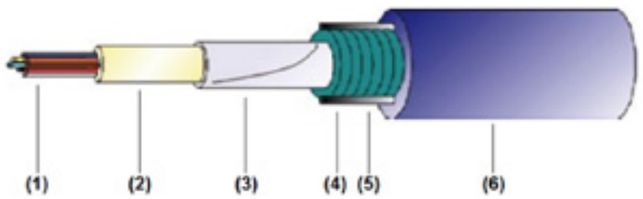
2 – Central Unitube (Jelly-Filled):
Diameter: (12-16-fo) 3mm (nominal)
Jelly-filled: (16 – 24-fo) 3,5mm (nominal)
Color: Black

3 – Wrapping: swelling tape material

4 – Corrugated Steel Tape:
Thickness: 1.2mm * 2 (nominal)

5 – Strength Members:
Material: steel wires
Diameter: 1,57mm (nominal)

6 – Outer Sheath:
Material: FireBur®-PVC Black
Diameter: (12- 16-fo) 9,5mm (nominal)
Diameter: (16 -24-fo) 10,5 mm (nominal)



MECHANICAL PERFORMANCE - CABLE

Features			Test Method
WEIGHT	kg/km	2 - 16fibers: 75 / 18 - 24 fibers: 85	-
TEMPERATURE RANGE	°C	oper.: -40 up to +70 / inst.: -40 up to +70	IEC 60794-1-F1
BENDING RADIUS	mm	55	IEC 60794-1-E11
TENSILE STRENGTH	N	oper.: 500 / inst.: 1000	IEC 60794-1-E1
CRUSH RESISTANCE	N/10cm	2000	IEC 60794-1-E3
IMPACT RESISTANCE	Nm	10	IEC 60794-1-E4

OPTICAL PERFORMANCE – FIBERS (acc. to ITU-T G.651, IEC60793-2-10 Cat. A1a, EN60793-2-10 Class A1a)

Item			Test Method
CORE DIAMETER	µm	50 ±2,5	IEC 60793-1-20
CLADDING DIAMETER	µm	125 ± 2	IEC 60793-1-20
CLADDING NON-CIRCULARITY	%	≤1,0	IEC 60793-1-20
CORE NON-CIRCULARITY	%	≤6,0	IEC 60793-1-20
CORE/CLADDING CONCENTR.	µm	≤1,5	IEC 60793-1-20
TYP. ATTENUATION @ 850nm	dB/km	≤2,70	IEC 60793-2-10
TYP. ATTENUATION @ 1300nm	dB/km	≤0,80	IEC 60793-2-10
BANDWITH @ 850nm	MHz * km	500	IEC 60793-2-10
BANDWITH @ 1300nm	MHz * km	800	IEC 60793-2-10
GROUP INDEX OF REFRACTION		@850nm: 1482 / @1300nm: 1477	
PROOF STRESS LEVEL	GPa	≥ 0,7 (1%)	IEC 60793-2-30
STRIP FORCE (AVERAGE)	N	$1,0 \le F_{ave.strip} \le 5,0$	IEC 60793-2-32
STRIP FORCE (PEAK)	N	$1,3 \le F_{ave.strip} \le 8,9$	IEC 60793-2-32
ENTIRE RANGE OF SPEC'S FOR 50µm FIBER REFER TO		LL-F-006-50	

— On request, fibers featuring other than the above staed specifications can be quoted —

OTHER CHARACTERISTICS

Wavelength range (nm)	
Fiber requirements	ISO/IEC 11801:2002 cat. OM2, EN50173-1:2002 cat. OM2, IEEE 802.3-2003, IEEE 802.3ae
Marking	ww / yyyy LightLine LLCAU50+ no. fo. G50/125 metric
Typical delivery length	3000m ± 200m per drum

Armored Multimode Cable with two steel wire - OM3

Code N.: LLCAUOM3+

General standards

General: UniLoose Tube cable, outdoor, PE, metallic armoring, two steel wires, 50µm-OM3 — Corrugated steel tape armoring PE sheath
Standards: EN 50173-1:2002, cat. OM3 - ISO/IEC 11801:2002 2nd ed., cat. OM3 - IEEE 802.3-2002

Application

Developed to be the ultimate option of the central-loose-tube outdoor cables family, featuring a metallic armoring. The plastic core with a jelly-filled helical coated channel, Spiral Space® design, contains up to 24 fibers, wrapped longitudinally with swelling tape, followed by an overlapping corrugated steel tape, and finally coated by a PE outer-sheath with two high tensile strength steel wires. Suitable for duct or direct burial installations. Also for artic climate when the soil around the cable can be frozen; extra high crush strength.

CABLE DIAGRAMM CONSTRUCTION

1 – Optical Fibers: up to 24 x 50/125µm colors red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink, (>12-fo colored synthetic binder)

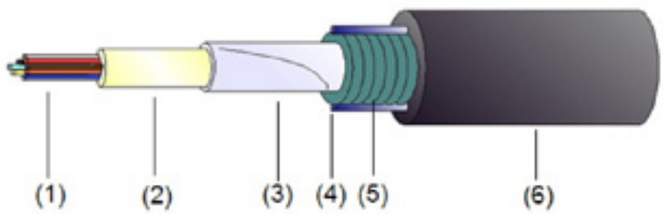
2 – Central Plastic core (Jelly-Filled):
Diameter: 5,0mm (nominal)
Thickness: 0,5mm – 0,7mm (nominal)
Color: white

3 – Wrapping: swelling tape material

4 – Corrugated Steel Tape:
Thickness: 0,155mm (nominal)
Overlap: 3,0mm (nominal)

5 – Strength Members:
Material: steel wires
Diameter: 1,57mm (nominal)

6 – Outer Sheath:
Material: PE (Polyethylene) black
Thickness: 2,4mm (nominal)
Diameter: 10,7mm (nominal)



MECHANICAL PERFORMANCE - CABLE

Features			Test Method
WEIGHT	kg/km	175	-
TEMPERATURE RANGE	°C	-10 up to +60	IEC 60794-1-F1
BENDING RADIUS	mm	oper.: 240 / inst.: 270	IEC 60794-1-E11
TENSILE STRENGTH	N	oper.: 3500 / inst.: 5000	IEC 60794-1-E1
CRUSH RESISTANCE	N/10cm	4000	IEC 60794-1-E3
IMPACT RESISTANCE	Nm	25	IEC 60794-1-E4

OPTICAL PERFORMANCE – FIBERS (acc. to ITU-T G.651, IEC60793-2-10 Cat. A1a, EN60793-2-10 Class A1a)

Item		Singlemode (ITU-T G.652.D)	Test Method
CORE DIAMETER	µm	50 + 2,5	IEC 60793-1-20
CLADDING DIAMETER	µm	125 ± 2	IEC 60793-1-20
CLADDING NON-CIRCULARITY	%	≤1,0	IEC 60793-1-20
CORE NON-CIRCULARITY	%	≤6,0	IEC 60793-1-20
CORE/CLADDING CONCENTR.	µm	≤1,5	IEC 60793-1-20
TYP. ATTENUATION @ 850nm	dB/km	≤3,0	IEC 60793-2-10
TYP. ATTENUATION @ 1300nm	dB/km	≤1,0	IEC 60793-2-10
BANDWITH @ 850nm	MHz * km	1500	IEC 60793-2-10
BANDWITH @ 1300nm	MHz * km	500	IEC 60793-2-10
EFF. MODAL BANDWITH @850 nm	MHz * km	2000	IEC 60793-1-49
PROOF STRESS LEVEL	GPa	≥ 0,7 (1%)	IEC 60793-2-30
STRIP FORCE (AVERAGE)	N	$1,0 \le F_{ave.strip} \le 5,0$	IEC 60793-2-32
STRIP FORCE (PEAK)	N	$1,3 \le F_{ave.strip} \le 8,9$	IEC 60793-2-32
ENTIRE RANGE OF SPEC'S FOR OM3 FIBER REFER TO		LL-F-008-OM3	

— On request, fibers featuring other than the above staed specifications can be quoted —

OTHER CHARACTERISTICS

Wavelength range (nm)	
Fiber requirements	ISO/IEC 11801:2002 cat. OM3, EN50173-1:2002 cat. OM3, IEEE 802.3-2003, IEEE 802.3ae
Marking	ww / yyyy LightLine LLCAUOM3+ no. fo. G50/125-OM3 metric M by Draka
Typical delivery length	6000m ± 300m per drum

Direct Attach Copper Cables

40G QSFP+ to QSFP+ QDR Direct Attach Copper Cable, 30AWG, Passive, 5M

Code N.: FT DAC-40GQSFP-P05

QSFP+ (Quad Small Form-factor Pluggable Plus) cable assemblies are suitable for very short distances and offer a highly cost-effective way to establish a 40-Gigabit link between QSFP+ ports of QSFP+ switches within racks and across adjacent racks. QSFP+ cables are used for 40 GbE and Infniband standards, to maximize performance.

Applications:

40Gigabit Ethernet (40G BASE – CR4)
Servers
Networked & External storage systems
Data Center networking
Switches & Routers
InfiniBand Trade Association (IBTA)
IEEE802.3ba

Direct Attach Copper Cables

40G QSFP+ to QSFP+ QDR Direct Attach Copper Cable, 24AW, Active, 15M

Code N.: FT DAC-40GQSFP-A15

Active QSFP+ copper cable assemblies use the newest technology to provide a cost effective high data throughput solution. These cables use a 37-position connector with active circuitry to increase distances and to improve EMI and reduce signal loss. Applications include QDR InfiniBand, Fiber Channel, 40-Gigabit Ethernet, and SONET.

Applications:

40Gigabit Ethernet (40G BASE – CR4)
Communications: Switches, Routers, and HBA
InfiniBand-SDR, DDR, QDR
Networked storage systems
Computer cluster cross-connect

Direct Attach Copper Cables

56G QSFP+ to QSFP+ FDR Direct Attach Copper Cable, 30AWG, Passive, 3M

Code N.: FT DAC-40GQSFP-P05

Fumo Telecom 56Gb/s QSFP+ FDR DAC Cable assemblies are constructed using premium 100 OHM cable and feature QSFP+ (SFF-8436) connectors with pull-tab ejectors for easy connection to equipment, support up to 4x14Gb per lane for up to 56Gb, meeting or exceeding current standards specifications.

Applications:

Infiniband SDR/DDR/QDR and FDR interconnects
HPC Interconnects
Networked storage systems
Computer cluster cross-connect

Direct Attach Copper Cables

10G CX4 to CX4 Direct Attach Copper Cable, Latch to Latch, 28AWG, Passive, 5M

Code N.: FT DAC-10GCX4-P05

10GBase-CX4 is an IEEE specification for 10 Gigabit over coaxial cable, intended to connect servers, switches and storage over short distances of up to 15 metres/50 feet. 10GBase-CX4 or 802.3ak uses the Infiniband 4X connector to maximize signal strength and can support data transfers of up to 10 Gigabits per second, 10 times as fast as gigabit Ethernet. It combines low cost cables and equipment with high speed for short distance connections.

Applications:

10GBASE-CX4 Applications (up to 15m)
InfiniBand Double Data Rate (DDR) 4x applications (≤3m)
High Speed Network, Server and Storage connections

Fiber Optic Adapters

- Bare Fiber Adapter

FC Round Shape Bare Fiber Adapter Single Mode

Code N.: FT BFCRSM

Fumo Telecom FC Square Shape Bare Fiber Optic Adapter for Splice & Test can link bared optic and light source, testing equipment, light appearance, etc. It is used for test appearance and temporary conjunction between fiber optics extensively (repair fiber optic cable urgently). Square type and round type are both optional.

Applications:

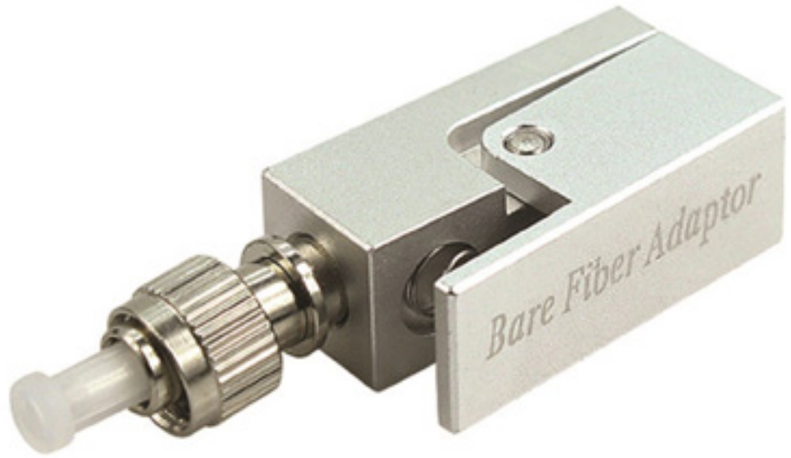
Bare fiber connection
Telecommunication networks
Premise installations
LAN and WAN

Fiber Optic Adapters

- Bare Fiber Adapter

FC Square Shape Bare Fiber Adapter Single Mode

Code N.: FT DAC-10GCX4-P05



Fumo Telecom FC Square Shape Bare Fiber Optic Adapter for Splice & Test can link bared optic and light source, testing equipment, light appearance, etc. It is used for test appearance and temporary conjunction between fiber optics extensively (repair fiber optic cable urgently). Square type and round type are both optional.

Applications:

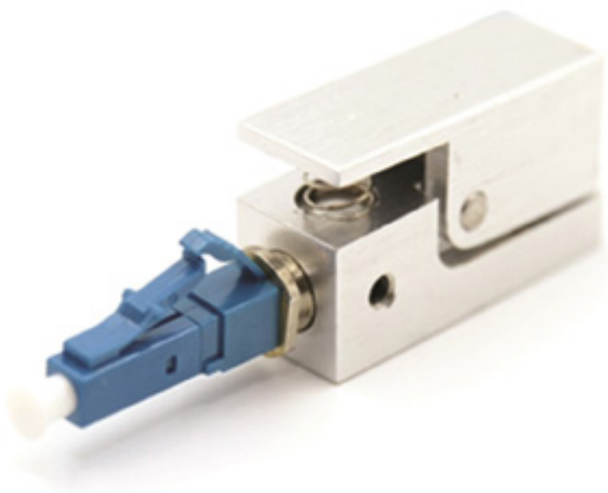
Bare fiber connection
Telecommunication networks
Premise installations
LAN and WAN

Fiber Optic Adapters

- Bare Fiber Adapter

LC Square Shape Bare Fiber Adapter Single Mode

Code N.: FT BLCSSM



Fumo Telecom's LC Square Shape Bare Fiber Optic Adapter for Splice & Test can link bared optic and light source, testing equipment, light appearance, etc. It is used for test appearance and temporary conjunction between fiber optics extensively (repair fiber optic cable urgently). Square type and round type are both optional.

Applications:

Bare fiber connection
Telecommunication networks
Premise installations
LAN and WAN

Fiber Optic Adapters

- Bare Fiber Adapter

SC Round Shape Bare Fiber Adapter Single Mode

Code N.: FT BSCRSP

Fumo Telecom's SC Square Shape Bare Fiber Optic Adapter for Splice & Test can link bared optic and light source, testing equipment, light appearance, etc. It is used for test appearance and temporary conjunction between fiber optics extensively (repair fiber optic cable urgently). Square type and round type are both optional.

Applications:

Bare fiber connection
Telecommunication networks
Premise installations
LAN and WAN

Fiber Optic Adapters Panel

- 1U 19” Blank Fiber Optic Adapter Panel, SC Simplex Type, 24 Ports

Code N.: FT FAP-BLK-24

Fumo Telecom’s 1U 19 inch fiber optic adapter panel fit for most 19” fiber patch panels. Each panel can be ordered fully terminated with adapters and it saves valuable installation time and labor expenses. We can also customize your logo onto the panel body or any other applications.

Features:

19 inch rack mountable
Suitable for 24 port of SC simplex or LC duplex adapters
Black power coating
Easy to use and install

Fiber Optic Adapters Panel

- Bare Fiber Adapter

Code N.: FT FAP-LCD24L3

Fumo Telecom’s 1U 19 inch fiber optic adapter panel fit for most 19” fiber patch panels. Each panel can be ordered fully terminated with adapters and it saves valuable installation time and labor expenses. We can also customize your logo onto the panel body or any other applications.

Features:

19 inch rack mountable
Loaded with 24 LC duplex OM3 multimode adapters
Black power coating
Easy to use and install

Fiber Optic Attenuators

- LC Plug-in Fixed Attenuator, Single Mode 10dB

Code N.: FT AT-LCFSM10

Fiber optic attenuators are used in the fiber optic communications to reduce the optical fiber power at a certain level, the most commonly used type is female to male plug type fiber optic attenuator, it has the optical fiber connector at one side and the other side is a female type fiber optic adapter.

Features:
Low back reflection
Wide wavelength range
Polarization insensitive
Compact and rugged housings

Applications:
Low back reflection
Wide wavelength range
Polarization insensitive
Compact and rugged housings
Wide range of connectors/receptacles

Fiber Optic Attenuators

- FC Plug-in Fixed Attenuator, Single Mode 5dB

Code N.: FT AT-FCFSM05

Fiber optic attenuators are used in the fiber optic communications to reduce the optical fiber power at a certain level, the most commonly used type is female to male plug type fiber optic attenuator, it has the optical fiber connector at one side and the other side is a female type fiber optic adapter.

Features:
Low back reflection
Wide wavelength range
Polarization insensitive
Compact and rugged housings

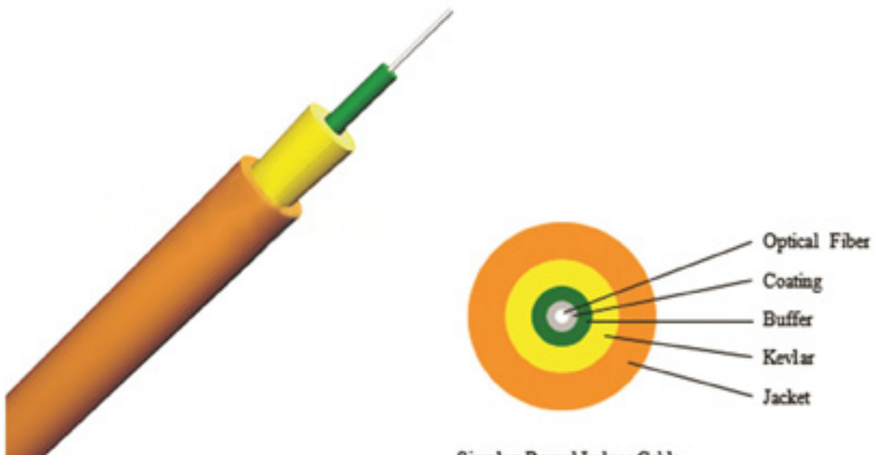
Applications:

Optical power equalization
CATV, LAN, and telecommunications
Test and measurement
Channel balancing for WDM systems

Fiber Optic Cables

- Simplex Round Indoor Cable

Code N.: FT FOCI-S-G2-C-YL-1KM



Simplex Round Indoor Cable

Applications:

- 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.

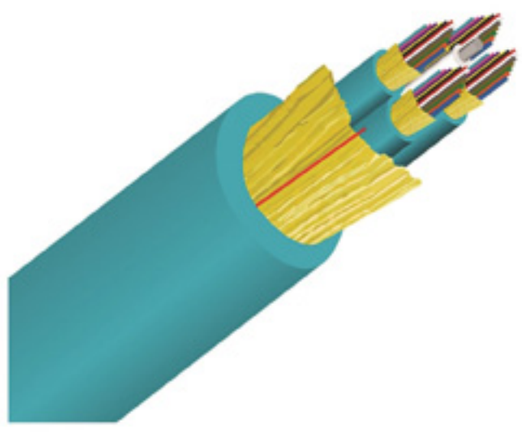
Features:

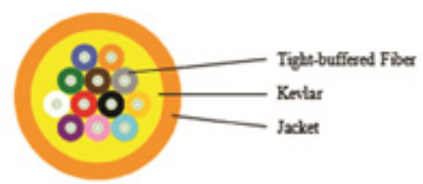
- Good mechanical and environmental characteristics;
- Flame retardant characteristics meets the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to splice, and with big capacity data transmission;
- Meet various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

Fiber Optic Cables

- Multi-fiber Distribution Indoor Cable

Code N.: FT FOCI-D12-G2-C-YL-1KM





Multi-fiber Distribution Indoor Cable I

Applications:

- Used in indoor cabling, especially used as distribution cable;
- Used as interconnect lines of equipments, and used in optical connections in optical communication equipment rooms and distribution frames;
- Used in pigtails and patch cords.

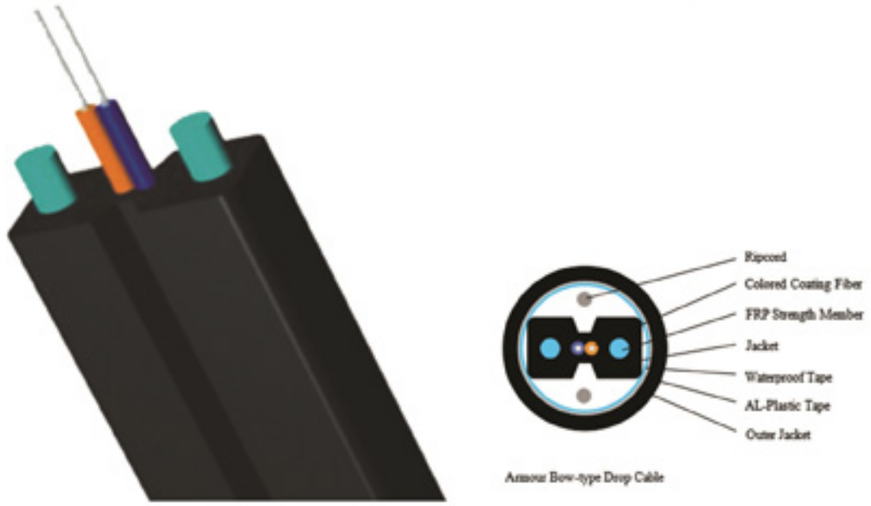
Features:

- 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.

Fiber Optic Cables

- Armor Bow-type Drop Cable

Code N.: FT FTTH-AB2-G7-L-BK-1KM



Applications:

- Mainly used in building aerial and duct access cabling.

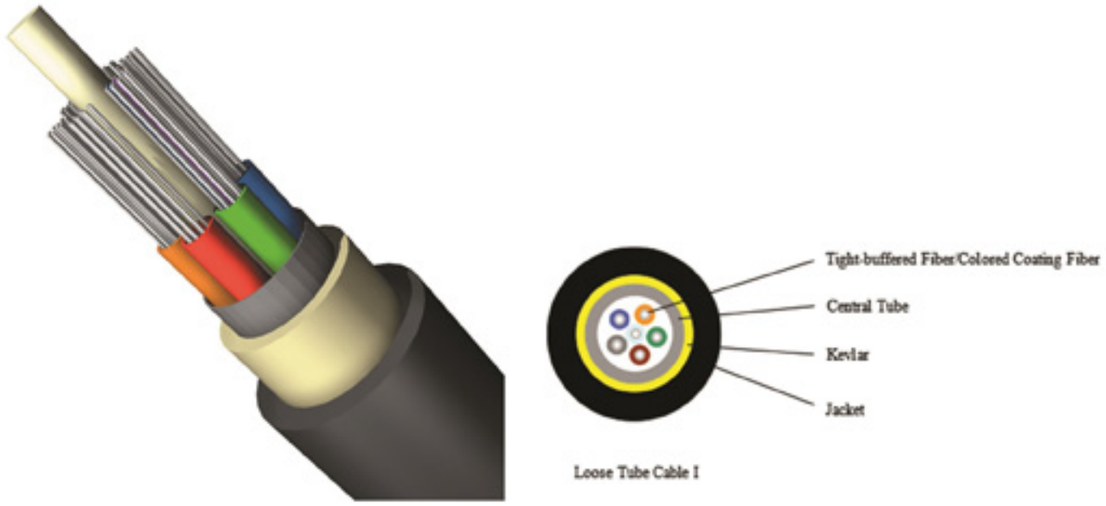
Features:

- 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.

Fiber Optic Cables

- Loose Tube Cable

Code N.: FT FTTH-L12-G7-L-BK-1KM



Applications:

- Used as access building cable.
- Used in wireless base station (BS) horizontal and vertical cabling.

Features:

- 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.

Fiber Optic Connectors

- FC Connector, Multimode, Metal Housing, 2.0mm Black Boot

Code N.: FT CFCMMBK2

Fumo Telecom's epoxy type connectors are available with a wide assortment of options, including simplex, duplex, multimode, single mode, and 3mm, 2mm, or 900µm boot sizes.

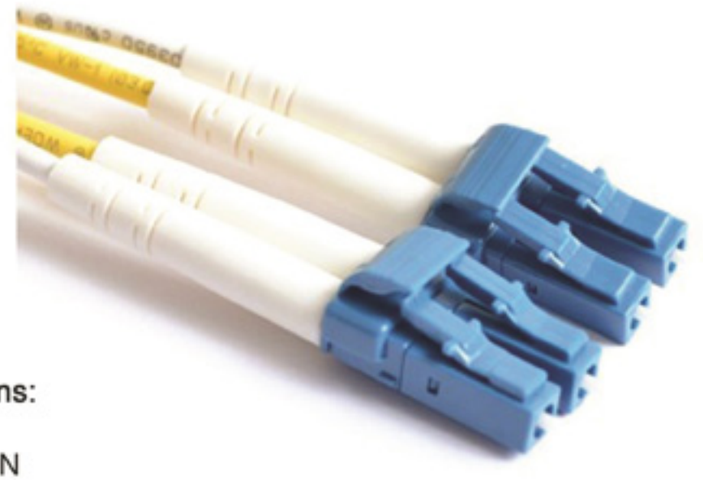
Features:

Low insertion loss
Corrosion resistant body
Ultra low back reflection
For 2.0mm jacket
One Piece with pre-domed ceramic ferrule is designed for easy assembly
Meets Telecordia-GR-326-CORE specifications
RoHS compliant

Fiber Optic Connectors

- LC Duplex Connector, Multimode OM4, Magenta Housing, 3.0mm Boot

Code N.: FT CLCDM4MG3



Applications:

LAN & WAN
Telecommunication
Broadband
CATV
FTTx projects

Features:

Low insertion loss
Corrosion resistant body
Ultra low back reflection
For 3.0mm, 2.0mm jacket or 900um buffer
One Piece with pre-domed ceramic ferrule is designed for easy assembly
Meets Telecordia-GR-326-CORE specifications
RoHS compliant

Fiber Optic Keystone Couplers

- SC to SC Single Mode Simplex Fiber Optic Keystone Coupler – Black

Code N.: FT FKC-SC-SM-BK

Fiber optic keystone couplers provide a great solution when needing to run any length of fiber in the walls and out of the way. Fumo Telecom fiber keystone couplers are available in various connections, single mode, multimode, simplex or duplex.

Features:

Fiber connections for fiber to the desk installations
Snap in keystone coupler is fast and easy to install
Available in beige and white colored blank insert
Applied for both flanged and flangeless fiber adapters

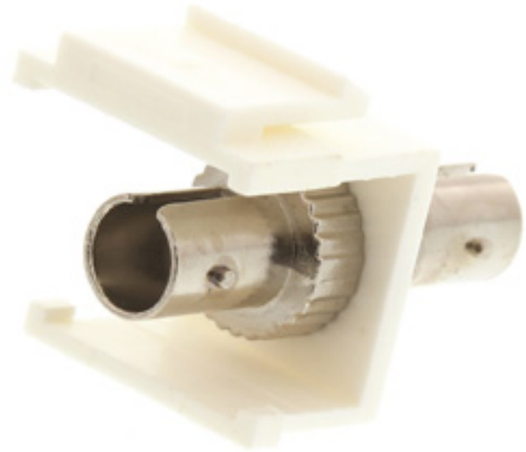
Applications:

Voce/video/data
Premise wiring
Network installation

Fiber Optic Keystone Couplers

- ST to ST Single Mode Simplex Fiber Optic Keystone Coupler – White

Code N.: FT FKC-ST-SM-WH



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Features:

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Applied for both flanged and flangeless fiber adapters

Applications:

Voice/video/data
Premise wiring
Network installation