

CommuniChina[®]
High-Performance Optical

Communichina Technology Co., Ltd.
COMMUNICHINA TECHNOLOGY CO., LTD.

Company Information

Communichina Technology Ltd. is a professional manufacturer of Telecom and Networking components, which founded in 2003. We can provide the broadest choices of Network to the Telecom & Datacom including optical passive, active components with excellent polish requirement and our state-of-art testing equipment, refined polishing machine, advanced polishing procedure, a group of experienced technicians. We made reliable and top quality Network products. Every patchcord supplied by Communichina is Guaranteed to be well polished and exceeded the industrial standards. Now we are fresh spirit entering the international market with best quality, excellent service and reasonable price. We are a wise choice for you from now on. Below "BEST" is our goal and promise.

Best quality: We promise to provide you the goods with the best quality.

Excellent service: We carry credit by honesty, offer the rapid service and technical support from the beginning to end. (hand in hand together with you)

Spirit : We pursue endlessly.

Thoughtful price: We provide you competitive price.

Communichina Technology Ltd. is a wise choice for you, also a good chance for us. Believe yourself , trust us. Let's enjoy the cooperation.

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PATCH CORD

Features

- ★ Telcordia Gr-326 Compliant
- ★ RoHS,LSZH,Compliant
- ★ Low insertion loss and back reflection
- ★ High consistent quality and short lead time
- ★ Standard/small form factor connector styles
- ★ Available in customised colours and customised packaging
- ★ Precision Preradiused Zirconia Connector Ferrules(except MTRJ&MPO)

Applications

- ★ Testing equipment
- ★ CATV,FTTX,Broadband
- ★ Ethernet,fiber channel,ATM,LAN,MAN and WAN
- ★ Data centres,premise installations,telecommunication networks



Passive Components

CommuniChina can supply a wide range of terminating fiber optic products for various applications. The featured products are manufactured using high quality components and the most sophisticated mechanical polishing techniques. CommuniChina's patchcords are available in any a variety of connection configurations including standard and small form factor connectors that is SC, LC, FC, ST,MTRJ,MU,MPO and E2000, PC,UPC and APC 8 degrees for the singlemode patchcord, and SC, LC, FC,ST,MTRJ and MPO for the multimode patchcord.

SPECIFICATION

Parameters	Singlemode	Multimode
Insertion Loss	< 0.2dB (Typ)	< 0.2dB (Typ)
Return Loss	>50dB >65dB (APC)	>35dB --
Repeatability	IL < 0.1dB	IL < 0.2dB
Operating Temperature	-40 to +75 ℃	-40 to +75 ℃
Storage Temperature	-40 to +85 ℃	-40 to +85 ℃
Durability	1000 times	1000 times

CABEL SPECIFICATION

Fiber type	SM G652 D(or SM G657, A)	OM1 and OM2	OM3
Diameter	3mm and 2mm	3mm and 2mm	3mm and 2mm
Colour	yellow	orange	aqua
Fiber type	SM G52, D	MM	MM
Core Diameter	9µm	50µm and 62.5µm	50µm
Cladding Diameter	125µm	125µm	125µm
Outer jacket material	LSZH/PVC	LSZH/PVC	LSZH/PVC
Maximum tensile load short term	400N	400N	400N
Minimum tensile load long term	200N	200N	200N
Minimum bend radius short term	30mm	30mm	30mm
Minimum bend radius long term	45mm	45mm	45mm
Cable weight 2mm	9kg/km	9kg/km	9kg/km
Cable weight 3mm	16kg/km	16kg/km	16kg/km
Total length	as request + 3cm 0cm		

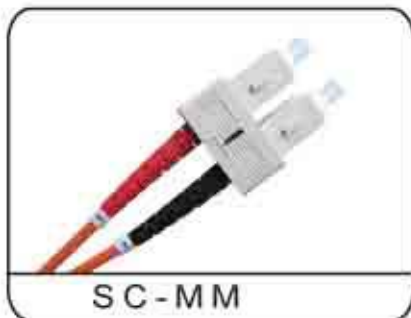


PATCH CORD

Passive Components



SC-SM



SC-MM



SC-APC



LC-SM-DX



LC-MM-DX



LC-APC-SX



FC-SM-DX



FC-OM3-DX



FC-APC-DX



ST-SM-DX

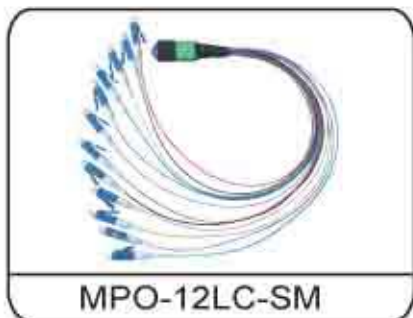


ST-MM-DX



PATCH CORD

Passive Components



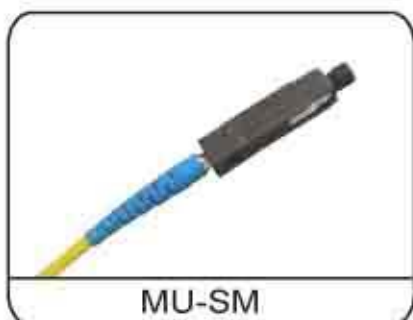
MPO-12LC-SM



MPO-MM



MPO-12LC-APC



MU-SM



MTRJ-SM-DX



MTRJ-SM-DX



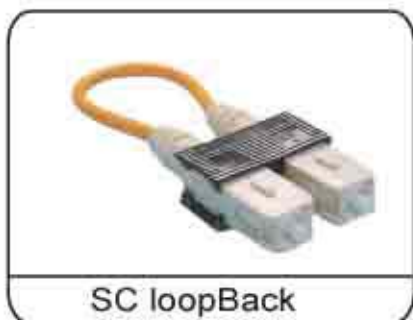
E2000-SM



E2000-APC



FAN - out



SC loopBack



LC loopBack



Mode conditioning patchcord



Applications

- ★ ATM,SONET and WDM
- ★ Telecom and datacom application
- ★ Easy strip pigtails for on site installation
- ★ Networks including Ethernet, Fast Ethernet and GBE
- ★ Patch panels, wall boxes, ODFs and splice cassettes
- ★ Suitable for repeated handling in patch panels and racks
- ★ Supports high speed multi channel video, data and voice services in metropolitan and access network



Features

- ★ PC,UPC and APC connectors
- ★ SC,LC,FC,ST,E2000 connectors
- ★ 900um tight buffer or easy strip
- ★ Low smoke zero halogen(LSZH) buffer
- ★ Low insertion loss and back reflection
- ★ High consistent quality and short lead time
- ★ Available in standard and customized packing
- ★ Available in standard 12 colours as per IEC 60304
- ★ Multimode fiber conforms to ITU-G651, TIA/EIA 492AAAA
- ★ Singlemode fiber conforms to ITU-G652.D, TIA/EIA 492AAAA
- ★ Different connector performance range for specific application

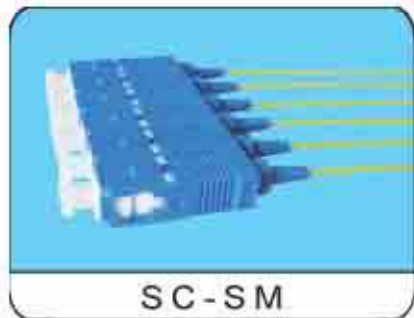
CommuniChina pigtails are manufactured using high quality components and the most sophisticated mechanical polishing techniques.
 The Singlemode pigtails are used in Telcom, Datacom Networks and also used for high speed metropolitan and access network.
 The Multimode pigtails are use to connect high speed networks like Gigabit Ethernet, Fast Ethernet and Ethernet.
 The pigtail buffer conforms to IEC,EIA TIA and Telecordia standards.
 The pigtails are terminated with standard CommuniChina connector which gives optimun optical performance.

SPECIFICATION

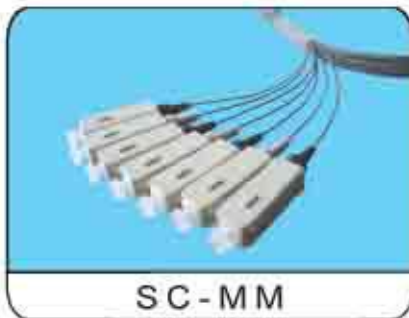
optical performance	Connector	
	singlemode	multimode
Insertion loss (Typ)	0.25dB	0.3dB
Ave/Master*	0.18dB	0.15dB
Ave/Random*	0.18dB	0.20dB
Return loss	50/60dB	-
Characteristics	Buffer	
	simplex	simplex
Crush	500N/100mm	500N/100mm
Operating Temperature	-20 to +60 ℃	-20 to +60 ℃
Storage Temperature	-40 to +70 ℃	-40 to +70 ℃
Nominal buffer Diameter	900+50um	900+50um
Max Tensile Load	6N	6N
Minimum bend radius(installed)	30mm	30mm
Primary coating colour	yellow/	orange/aqua/
Characteristics	fiber	
Attenuation(dB)	0.38@1310 / 0.25@1550nm	
Chromatic Dispersion(ps/nm x km)	3.0@1310 / 18.0@1550nm	
Polarization Mode Dispersion(ps/km)	< 0.2dB	

PIGTAIL

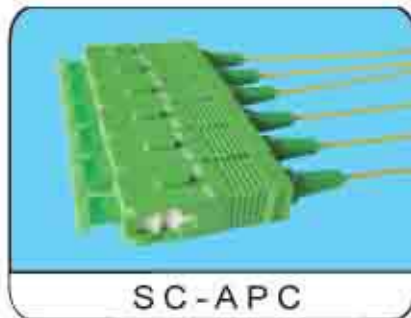
Passive Components



SC-SM



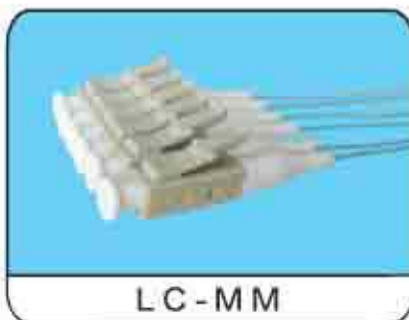
SC-MM



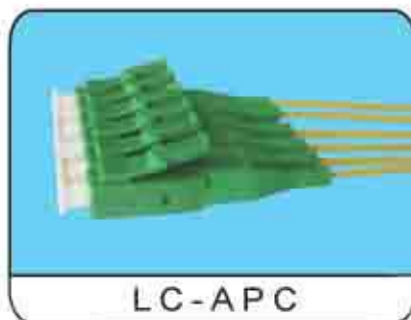
SC-APC



LC-SM



LC-MM



LC-APC



FC-SM



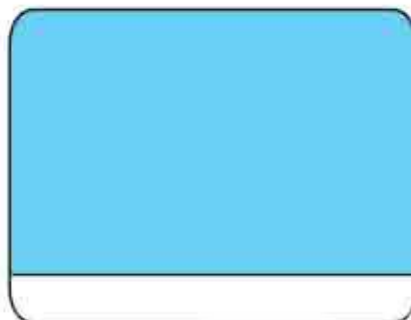
FC-MM



ST-SM



ST-MM



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CONNECTOR

Features

- ★ Complies with IEC 61754-4, IEC 60784-14 and Tia 604-3
- ★ A push-pull coupling mechanism for easy insertion and consistent connection
- ★ Zirconia ceramic ferrule with high end Ultra Physical Contact Finish
- ★ Low insertion loss and back reflection
- ★ RoHS Compliant
- ★ Available in customied colours and customied package
- ★ Precision Preradused Zirconia Connector Ferrules(except MTRJ&MPO)

Applications

- ★ Testing equipment
- ★ Data centres, premise installations, telecommunication networks
- ★ Ethernet, fiber channel, ATM, LAN, MAN and WAN CATV, FTTX, Broadband

Passive Components

CommuniChina can supply a range of fiber optic connectors for various applications. SC, LC, FC, ST optical connectors are used in most of the nowadays network applications and with less parts and a plastic body or Zinc-alloy body it offers an economical option. MU, MTRJ, MPO, E2000 connector types are available. Our optical connectors are available in Singlemode for PC, SPC, UPC, and APC and In Multimode PC and UPC. The connectors come with standard CommuniChina boots suitable for 900um, 2mm, and 3mm cable diameters. According to the industrial practice, single mode connector and multimode connector has standard color. Please see our product photos.

SPECIFICATION

Optical connector PC, SPC, UPC, APC-Singlemode			
Optical Performance	Premium	Standard	Conformance
Insertion loss(Typ)	0.1dB	0.2dB	IEC 61300-3-4
Insertion loss(97%)	0.2dB	0.3dB	IEC 61300-3-4
Return Loss	55/65dB	55/65dB	IEC 61300-3-6
Optical connector PC-Multimode			
Insertion loss(Typ)	0.15dB	0.2dB	IEC 61300-3-4
Insertion loss(97%)	0.25dB	0.3dB	IEC 61300-3-4
Technical Specification			
Mechanical Properties	Criteria	Effect	Conformance
Mechanical endurance	1000 matings	< 0.2dB change	IEC 61300-2-2
Vibration	10-55HZ, 0.75amplitude	< 0.2dB change	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	< 0.2dB change	IEC 61300-2-12
Cable retention	Magnitude 90 N	< 0.2dB change	IEC 61300-2-4
Cable torsion	1.5kg-2.5kg for 2mm-3mm cable diameter	< 0.2dB change	IEC 61300-2-5
Operating temperature	-25 to +70, 12 cycles	< 0.2dB change	IEC 61300-2-22
Cold	-25 for 96 hrs	< 0.2dB change	IEC 61300-2-17
Dry Heat	+70 for 96 hrs	< 0.2dB change	IEC 61300-2-18



CONNECTOR

Passive Components



SC-SM-DX

SC-MM-DX

SC-APC-DX



LC-SM-DX

LC-MM-DX

LC-APC-DX



FC CONNECTOR SERIES



ST CONNECTOR SERIES

CONNECTOR

Passive Components



DFN CONNECTOR



MU CONNECTOR



MPO MM CONNECTOR



MPO APC CONNECTOR



MTRJ CONNECTOR



E2000 APC CONNECTOR



SMA CONNECTOR



FAST CONNECTOR

PRODUCT DESCRIPTION

CommuniChina's Fast Assembly Connector (FAC), is a pre-polished, pre-assembled connector compatible with the standard LC/FC/SC/ST connector. In place of epoxy, an internal mechanical grip gently but effectively holds the fiber in place and can be installed within two minutes. Without polishing, adhesives, or heating, FAC series makes field installation quickly and easily, eliminating the need for epoxy curing and hand polishing at the work site. It is designed for optical fiber termination especially in FTTH projects, directly in the end user site. It comes with assembly tool kits. It is easy and eminently portable.

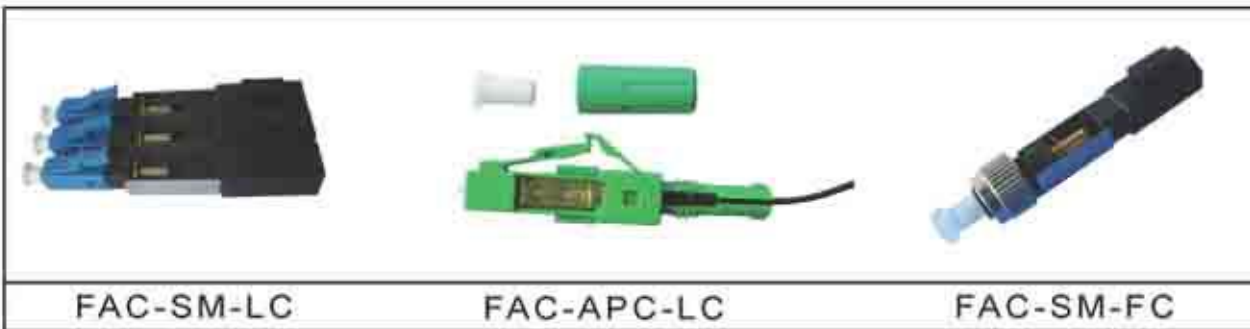
Features

- ★ FTTH project usable
- ★ Field installable
- ★ Fast, easy, accurate
- ★ Cost effective
- ★ Portable
- ★ Installation less than 2 minutes
- ★ Reliable and superior optical performance
- ★ Cable Tensile test complies with Telcordia GR-326-CORE

Applications

- ★ Distribution frames
- ★ Maintenance or emergency restoration of fiber networks
- ★ Patch panels
- ★ FTTH Outlets
- ★ Field work

Passive Components



ADAPTOR

Passive Components



Features

- ★ ROHS, compliant
- ★ Compliant with IEC 61754
- ★ High precision alignment sleeve
- ★ Low insertion loss and high reconnectability
- ★ Available in singlemode and multimode
- ★ Available in simplex, duplex and quad adaptors



Applications

- ★ Testing equipment
- ★ CATV, FTTX, Broadband
- ★ Ethernet, fiber channel, ATM, LAN, MAN and WAN
- ★ Data centres, premise installations, telecommunication networks.

CommuniChina offers a wide range of high quality adaptors for both singlemode and multimode applications, which have high precision alignment sleeves for reliability and improved reconnectability. The housing(SC,LC) is available in different colours with options for flange of flangeless body, metal clips or inbuilt clips. The housing(FC,ST) is made of metal, its dust cap can be made in different colour. SC,LC,FC,ST,MU,MPO,MTRJ,E2000..... adaptors are available.

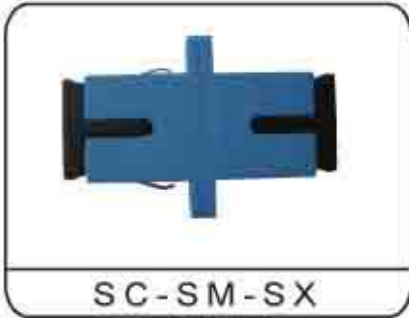
SPECIFICATION

	SC,LC adaptor	FC,ST adaptor
Housing material	plastic	metal
colour	blue, beige, green, aqua	metallic
sleeve	ceramic	ceramic
	phosphor bronze	phosphor bronze
Insertion loss max	0.1dB (ceramic)	0.1dB (ceramic)
	0.15dB (bronze)	0.15dB (bronze)
Durability 500 cycles max increase	0.20dB	0.20dB
Receptacle Retention force	1N-2.5N	2N-5.9N
Operating temperature (12 cycles)	-25 °C to +70 °C	-25 °C to +70 °C



ADAPTOR

Passive Components



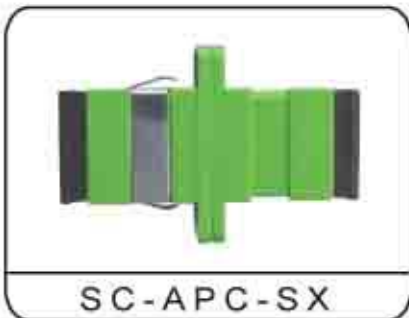
SC-SM-SX



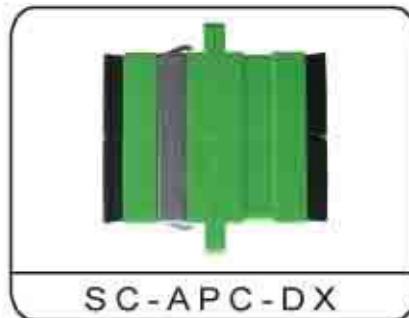
SC-SM-DX



SC-MM-SX



SC-APC-SX



SC-APC-DX



SC-MM-DX



SC-OM3-SX



SC-OM3-DX



LC-SM-SX



LC-SM-DX



LC-SM-QARD



ADAPTOR

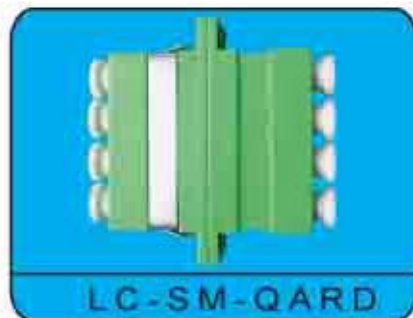
Passive Components



LC-SM-SX



LC-SM-DX



LC-SM-QARD



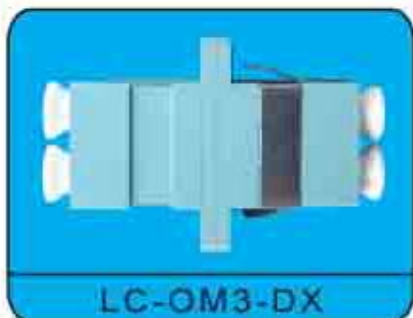
LC-MM-SX



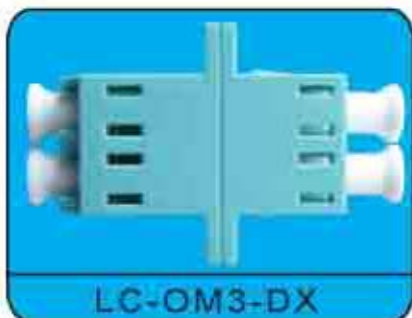
LC-MM-DX



LC-MM-QARD



LC-OM3-DX



LC-OM3-DX



LC-SM-QARD



FC-AD01

FC-AD02

FC-AD03

ST Adaptor



ADAPTOR

Passive Components



MPO-ADAPTOR



MU-ADAPTOR



E2000-ADAPTOR



SC-LC SM SX



SC-FC SM DX



SC-ST SM DX



SC-FC SM SX



SC-ST MM SX



SC-ST MM DX



SC-FC APC SX



ST-FC APC SX



SC-ST APC DX



ATTENUATOR

Applications

- ★ FTTx
- ★ CATV
- ★ LAN and WAN
- ★ Telecommunication networks
- ★ Fiber optic sensors
- ★ Test and measurement

Features

- ★ Plug-in type package
- ★ Accurate attenuation
- ★ Ultra low back reflection
- ★ Broad wavelength band
- ★ Flat response over all wavelengths
- ★ Environmentally stable
- ★ Quick delivery
- ★ Variable value attenuators



Passive Components

CommuniChina can provide you fixed value attenuators and variable value attenuators, which feature high power endurance and low back reflection, suitable for high speed digital transmission and analog applications. FC, SC, ST, LC and MU type singlemode or multimode available. Good quality components and stable performance.

SPECIFICATION

Dimensions	FC -10mm x 30mm (ODxL)	SC -35mm x 12.7mm x 9.5mm (LxWxD)	LC -33mm x8mm x 10mm (LxWxD)
Reflectance	UPC≥ 55dB		
Attenuation Tolerance	± 0.5dB (Attenuations≤ 5dB), 10% (6 dB≤Attenuations≤30 dB)		
International Standard	Telcordia GR-910-CORE SC / FC / LC / MU 1 to 30dB with 1dB increments (or custom attenuation within this range) 1310nm and 1550nm (or single wavelength) Digital band 1260-1360nm and 1430-1580nm(BellcoreSpec.) S + C + L band 1480-1610nm Special bandpass 1310±25nm and 1470-1610nm Single window 1280-1340nm or 1510-1590nm Dual window 1310 and 1550nm (±25nm)		

PLC SPLITTER

Features

- ★ Good uniformity and low insertion loss
- ★ Low Polarization Dependent Loss
- ★ Excellent Environmental Stability
- ★ Excellent Mechanical
- ★ Stability Telecordia GR-1221 and GR-1209
- High specification connectors available

Applications

- ★ Fiber to The Point (FTTX)
- ★ Fiber to The Home (FTTH)
- ★ Passive optical networks(PON)
- ★ Local Area Networks (LAN)
- ★ Cable Television (CATV)
- ★ Test Equipment



Passive Components

CommuniChina had introduced a wide range of highly reliable, high performance compact splitters. The compact splitter is specifically design to remove the need for a ribbon fiber to 900um fiber Fan-Out unit, with the 900um cable exiting directly from the PLC housing

SPECIFICATION

Parameter	Specification										
Operating Wavelength (nm)	1260 ~ 1650										
Type	1x2	1x4	1x8	1x16	1x32	2X2	2x4	2x8	2x16	2x32	1x64
IL without connector (dB)	<4.0	<7.3	<10.8	<14.0	<17.0	<4.2	<7.6	<11.2	<14.5	<18.2	<21.5
IL with connector (dB)	<4.4	<7.7	<11.2	14.4	<17.4	<4.6	<8.0	<11.6	<14.9	<18.6	<21.9
Uniformity (dB) Max *	<0.6	<0.8	<1.0	<1.5	<2.0	<0.8	<1.2	<1.5	<2.0	<2.5	<2.5
PDL(dB)Max *	<0.2	<0.2	<0.2	<0.3	<0.3	<0.3	<0.3	<0.3	<0.4	<0.4	<0.4
Directivity Min *	55 dB										
Return Loss Min *	55dB/APC, 50dB/UPC										
Operating Temperature (°C)	-40°C~ +85°C										
Storage Temperature (°C)	-40°C~ +85°C										
Fiber length	1m or custom length										
Fiber Type	Corning SMF-28e fiber										
Connector Type	Custom specified										
Power Handling (mW)	300										

* 1. Measured at room temperature.

Dimensions:

PLC Type	1x2	1x4	1x8	2x4	2x8	1x16	2x16	1x32	2x32	1x64	2x64
S.S tube1 (mm)	4x4x40	4x4x40	4x4x40	4x4x45	4x4x45	4x7x50	4x7x60	4x7x50	4x7x60	4x12x60	
S.S tube2 (mm)			4x12x60				6x20x80			6x20x80	
PLC Type	1x2	1x4	2x4	1x8	2x8	1x16	2x16	1x32	2x32	1x64	2x64
Module Type(mm)			100x80x10 *			120x80x18 *		142x102x14.5		141x115x18 *	



FUSED COUPLER

Applications

- ★ Long-haul telecommunications
- ★ Telecommunication Systems
- ★ CATV Distribution Networks
- ★ Point to Point Systems
- ★ Wide Area Networks

Features

- ★ Tap Ratios Available
- ★ Low Input Polarization Sensitivity
- ★ Telcordia GR-1209 & GR-1209 Compliant
- ★ Telcordia GR-1209 & GR-1221 Compliant
- ★ Available in Both 1x2 and 2x2 Configurations

Passive Components

Fused couplers are used to split optical signals between two or more fibers, or to combine optical signals from fibers into one fiber. They are constructed by fusing and tapering two or more fibers together. This method provides a simple, rugged, and compact method of splitting and combining optical signals. CommuniChina can provide you superior performance and long term reliability fused fiber couplers. These components are highly stable across the stated range, exhibiting low insertion loss, and high directivity over all split ratios. They are available in both 1x2 and 2x2 port configurations. Single Window/Dual window fused couplers, Singlemode/Multimode Available.

SPECIFICATION

Split Ratio	1-50%
Directivity	<-55 dB
Return Loss	<-55 dB
PMD	0.1ps
Operating Temperature	-20 ° C - 85 ° C
Storage Temperature	-40 ° C - 85 ° C
Storage Relative Humidity	20-90(%RH)
Fiber Pigtail Length	1meter (standard)
Port Configuration	1x2 or 2x2
Fiber Type	Corning Singlemode SMF-28, DS Fiber, or Flexcore
Qualification	Telcordia GR-1209 & GR-1221

PACKAGE DIMENSIONS & PIGTAIL STYLE

Package Dimensions:	
Package A: 3mm x 54mm stainless steel tube	
Package B: 3mm x 60mm stainless steel tube	
Package C: 90mm x 18mm x 10mm case	
Package D: 90mm x 80mm x 10mm case	
Pigtail Style:	
Package A:	250um bare fiber
Package B:	250um bare fiber or 900um loose tube
Package C,D:	3mm cable or 900um loose tube

MEDIA CONVERTER

Technical Specifications

- ★ Fiber Connector: Multimode SC/ST/FC; Singlemode SC/ST/FC
- ★ Optical fiber: Multimode: 50/125, 62.5/125 μ m, Singlemode: 8/125, 8.7/125, 9/125, 10/125 μ m
- ★ Power: External or Internal switching power-- AC 100-240V / DC5V
- ★ Humidity: 5% ~ 90%
- ★ Ambient temperature: 0 ~ +50 $^{\circ}$ C
- ★ Storage temperature: -20 ~ +70 $^{\circ}$ C

Features

- ★ Operating standards: IEEE802.3z/AB, 1000Base-T and 1000Base-SX/LX
- ★ The conversion of optical signals can be carried out between multi/multimode optical fiber, between single/multimode fiber, or between single/single mode fiber.
- ★ Supporting conversion of 2~155Mbps or 100~1250Mbps optical digital signals.
- ★ Quick conversion, high efficiency.
- ★ Flow Control: Full Duplex: Supporting standard IEEE802.3x Half Duplex: back pressure
- ★ Internal Circuit of prevented thunder could greatly reduce damage of the converter caused by thunderbolt induction.copper

Active Components

All fast Ethernet Converters from CommuniChina are compact size units with metal cases to fulfill the FCC emission standards. The Converters can be used to convert various optical fiber digital signals, such as Ethernet, ATM, SDH, and control signals etc. Using high efficiency conversion circuits, high quality IC chips, and high quality optical transceivers integrated module, the products are stable performance, and applicable to various environments of optical fiber digital transmission.



MEDIA CONVERTER

Active Components



CCMC-ST



CCFS-DA-F2T SERIES



CCFS-DA-F(bi)2T SERIES



CCFS-DA-F(bi) SERIES



CCMC-DA-F SERIES



CCMC-GA-F(bi)-SERIES



CCMC-GA-F-SERIES



CCMC-G-SFP(F)-SERIES



CCMC-GA-SFP(F)-SERIES



CCFS-GA-2SFP(F)2T



CCMC-A-SFPSFP



CCMC-A-F-F-S-M SERIES



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MEDIA CONVERTER

Active Components



CCMC-DA-F(bi)3T



CCMC-DA-FF3T



CCMC-GA-2SFP4T



CCFS-DA-SFP(F)7T



CCFS-DA-F(bi)7T



CCFS-GA-8SFP(F)



CCMC-CARD-DA-F(bi)



CCMC-CARD-DA-F



CCMC-CARD-GA



CC-RACK-14



CC-RACK-16

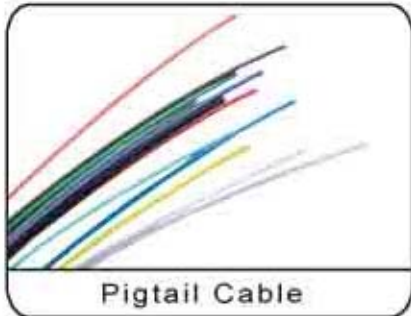


INDOOR CABLE

Optical Cable

CommuniChina is a manufacturer of fiber optic products, also is a large R&D, fiber, cable and equipment manufacturer in the optical communications industry area, fiber, indoor&outdoor cable available. It's a technology-intensive enterprise specializing in cable development, manufacturing, marketing and services.

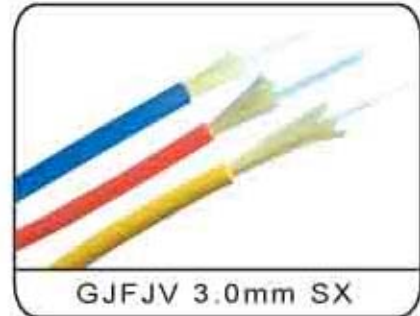
CommuniChina's optical fiber and cable products, together with various network construction solutions are capable of satisfying rigorous demands from a diverse range of customers. The products have been sold to more than 50 countries and regions including the Europe, America, Australia, Southeast Asia, Middle East and Africa. CommuniChina will continue to dedicate itself to optical fiber, cable products and comprehensive solutions, facilitating the universal use of optical fiber in China and worldwide, so as to promote the development and wide application of optical communications technologies, and enable everyone to enjoy the benefits that optical communications brings to our lives.



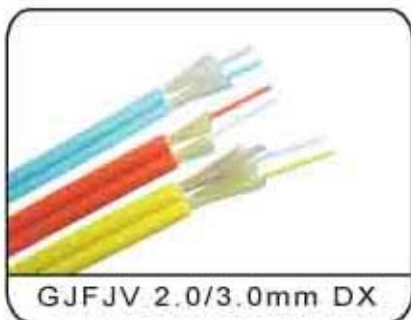
Pigtail Cable



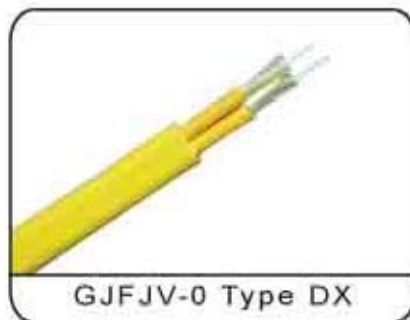
GJFJV 2.0mm SX



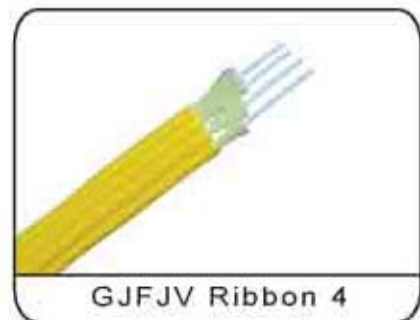
GJFJV 3.0mm SX



GJFJV 2.0/3.0mm DX



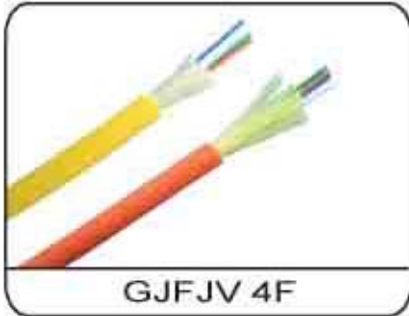
GJFJV-0 Type DX



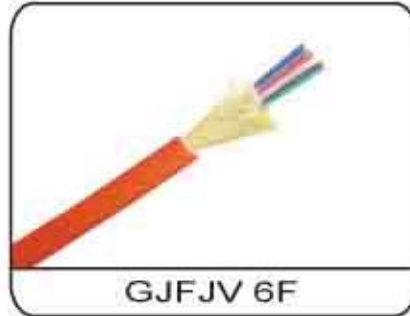
GJFJV Ribbon 4

INDOOR CABLE

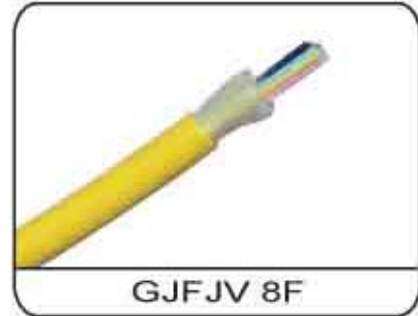
Optical Cable



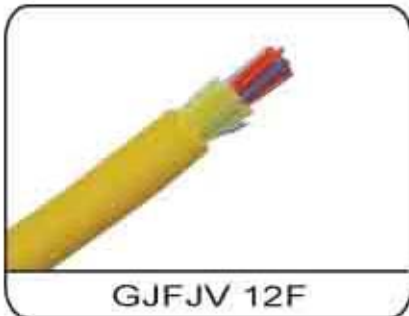
GJFJV 4F



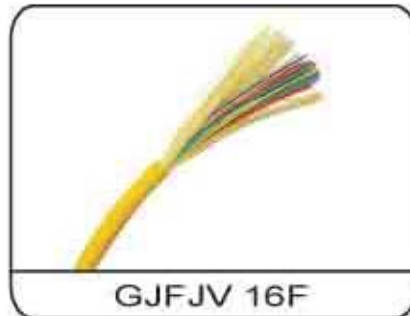
GJFJV 6F



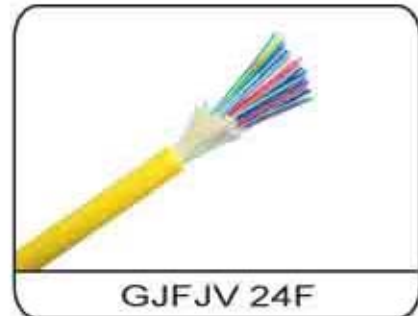
GJFJV 8F



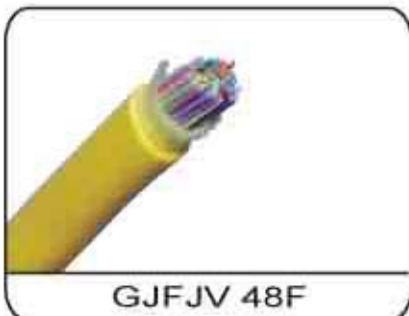
GJFJV 12F



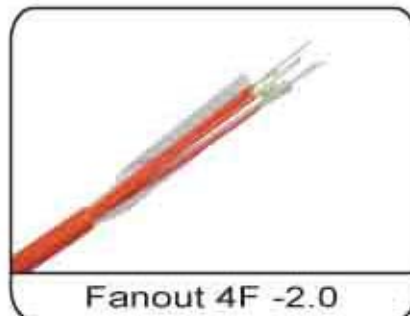
GJFJV 16F



GJFJV 24F



GJFJV 48F



Fanout 4F -2.0



Fanout 24F -2.0



FTTH-250um



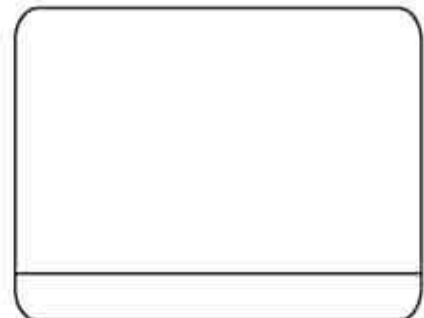
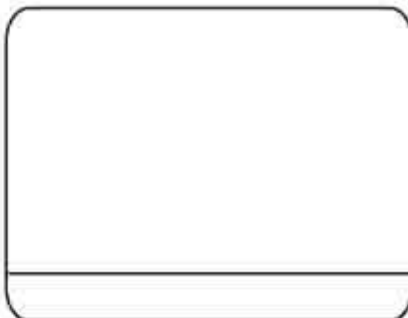
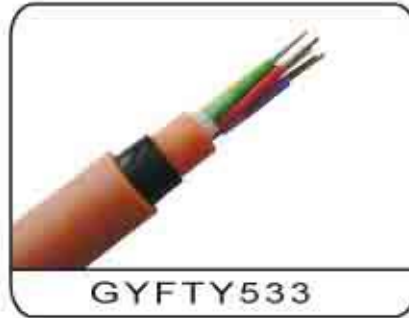
FTTH-0.9mm



FTTH-Drop Cable

OUTDOOR CABLE

Optical Cable



FIBER OPTIC SPLICE CLOSURE

CommuniChina's CC-FOSC series fiber closure is a fiber optic cable splice of multiple purposes, which can connect and protect cables. The fiber closures are suitable for protecting fiber cable splices in straight-through and branching-mounting, pedestal or direct buried, handhole-mounting and duct-mounting applications. We always aim to improve the operation of your network communication system. Closure is suitable for the applications up to 288 cores ribbon fiber, which can cover most of the applications in the long-distance transmission and local fiber distribution networks, like Fiber to the Home/ Fiber To the Curb (FTTH/FTTC).

It can be applied to areas such as underground, aerial, pedestal or direct buried. It can protect splices and ensure reliability with usage in ambient temperatures from -40°C to 70°C. CommuniChina can do OEM for you according to your idea and structure drawings.

Dome Type Specifications:

Type	Material	Dimension HxD(mm)	Weight(kg)	Cable Entry	Cable Diameter (mm)	Max Capacity		Splice Trays
						Bunchy	Ribbon	
CC-FOSC-D01	PC/PP	440xΦ190	2.8	4	ø5~ø25	12-96	144	1~4
CC-FOSC-D02	PC/PP	430xΦ190	2.8	4	ø5~ø18	12-96	144	1~4
CC-FOSC-D03	PC/PP	440xΦ190	2.8	5	ø5~ø25	12-96	144	1~4
CC-FOSC-D04	PC/PP	540xΦ205	3.0	5	ø5~ø36	24-96	288	1~4
CC-FOSC-D05	PC/PP	420xΦ190	2.65	5	ø5~ø25	12-96	144	1~4
CC-FOSC-D06	PC/PP	410xΦ190	2.65	4	ø5~ø25	12-96	144	1~4
CC-FOSC-D07	PC/PP	395xΦ190	2.65	4	ø5~ø18	12-96	144	1~4
CC-FOSC-D08	PC/PP	450xΦ220	3.3	7	ø5~ø35	12-240	360	1~10
CC-FOSC-D09	PC/PP	450xΦ220	3.3	6	ø5~ø18	12-240	360	1~10
CC-FOSC-D10	PC/PP	490xΦ220	3.5	5	ø5~ø35	48-240	360	1~5
CC-FOSC-D11	PC/PP	480xΦ220	3.5	6	ø5~ø18	12-240	360	1~5
CC-FOSC-D12	PC/PP	295xΦ190	2.2	4	ø5~ø18	6-48	72	1~4
CC-FOSC-D13	PC/PP	295xΦ190	2.2	4	ø5~ø18	6-48	72	1~4
CC-FOSC-D14	PC/PP	460xΦ190	2.65	4	ø5~ø18	12-96	144	1~4
CC-FOSC-D15	PC/PP	310xΦ190	2.4	4	ø5~ø25	6-48	72	1~4
CC-FOSC-D16	PC/PP	295xΦ190	2.4	4	ø5~ø25	6-48	72	1~4
CC-FOSC-D17	PC/PP	460xΦ205	3.0	5	ø5~ø36	24-96	288	1~4
CC-FOSC-D18	PC/PP	490xΦ220	3.5	5	ø5~ø35	12-210	--	1~8
CC-FOSC-D19	PC/PP	450xΦ220	3.3	5	ø5~ø35	12-192	--	1~10
CC-FOSC-D20	PC/PP	690xΦ310	4.0	6	ø7~ø22	72-576	768	1~8
CC-FOSC-D21	PC/PP	470xΦ210	3.5	9	ø7~ø22	24-144	432	1~6
CC-FOSC-D22	PC/PP	470xΦ210	3.5	5	ø3~ø8	24-144	432	1~6
CC-FOSC-D22p	PC/PP	690xΦ310	4.0	5	ø3~ø8	96	144	1~4

PC:UV Resistant Polycarbonate

PP:UV Resistant Polypropylene



FIBER OPTIC SPLICE CLOSURE

In-line Type Specifications:

Type	Material	Dimension LxWxH(mm)	Weight(kg)	Cable Entry	Cable Diameter (mm)	Max Capacity		Splice Trays
						Bunchy	Ribbon	
CC-FOSC-H01	PC/PP	390x210x120	2.2	6	ø13 ~ ø16	12-96	144	1 ~ 4
CC-FOSC-H02	PC/PP	320x210x85	2.5	6	ø8 ~ ø20	12-96	144	1 ~ 4
CC-FOSC-H03	PC/PP	280x200x90	1.5	4	ø8 ~ ø20	12-96	144	1 ~ 4
CC-FOSC-H04	PC/PP	450x220x110	2	4	ø16, ø20, ø23	12-96	144	1 ~ 4
CC-FOSC-H05	PC/PP	450x220x110	3.43	6	ø16, ø20, ø23	12-192	288	1 ~ 8
CC-FOSC-H06	PC/PP	320x220x110	2.55	6	ø8 ~ ø20	12-96	144	1 ~ 4
CC-FOSC-H07	PC/PP	450x220x110	3.3	8	ø16, ø20	12-96	144	1 ~ 4
CC-FOSC-H08	PC/PP	395x195x130	2.2	6	ø16, ø20, ø23	12-96	144	1 ~ 4
CC-FOSC-H09	PC/PP	470x180x125	2.2	6	ø13, ø16, ø20	12-96	144	1 ~ 4
CC-FOSC-H10	PC/PP	430x180x125	1.9	6	ø13, ø16, ø20	12-96	144	1 ~ 4
CC-FOSC-H11	PC/PP	340x150x70	3.2	4	ø13 ~ ø14	12-48	72	1 ~ 2
CC-FOSC-H12-01	PC/PP	435x190x85	2.4	4	ø10 ~ ø17	96	--	1 ~ 4
CC-FOSC-H12-02	PC/PP	435x190x120	2.5	4	ø10 ~ ø22	192	--	1 ~ 8
CC-FOSC-H12-03	PC/PP	439x190x120	2.5	4	ø10 ~ ø22	192	--	1 ~ 8
CC-FOSC-H12-04	PC/PP	435x190x80	2.5	4	ø10 ~ ø17	96	--	1 ~ 4
CC-FOSC-H12-05	PC/PP	435x140x75	1.8	4	ø10 ~ ø12.5	48	--	1 ~ 4
CC-FOSC-H12-06	PC/PP	435x190x170	3.2	8	ø10 ~ ø22	288	--	1 ~ 12
CC-FOSC-H13-01	PC/PP	485x165x110	2.2	4	ø10 ~ ø22	96	--	1 ~ 4
CC-FOSC-H13-02	PC/PP	480x185x125	2.4	4	ø10 ~ ø22	192	--	1 ~ 8
CC-FOSC-H13-03	PC/PP	550x215x185	2.5	4	ø10 ~ ø22	192	--	1 ~ 8
CC-FOSC-H13-04	PC/PP	550x215x185	2.5	4	ø10 ~ ø22	--	360	1 ~ 5

PC: UV Resistant Polycarbonate

PP: UV Resistant Polypropylene

Fiber Management



FIBER OPTIC SPLICE CLOSURE

Fiber Management



CC-FOSC-D04



CC-FOSC-D05



CC-FOSC-D06



CC-FOSC-D07



CC-FOSC-D08



CC-FOSC-D09



CC-FOSC-D10



CC-FOSC-D11



CC-FOSC-D12

FIBER OPTIC SPLICE CLOSURE

Fiber Management



CC-FOSC-D13



CC-FOSC-D14



CC-FOSC-D15



CC-FOSC-D16



CC-FOSC-D17



CC-FOSC-D18



CC-FOSC-D19



CC-FOSC-D20



CC-FOSC-D21



CC-FOSC-D22



CC-FOSC-D22P



FIBER OPTIC SPLICE CLOSURE

Fiber Management



CC-FOSC-H01



CC-FOSC-H02



CC-FOSC-H03



CC-FOSC-H04



CC-FOSC-H05



CC-FOSC-H06



CC-FOSC-H07



CC-FOSC-H08



CC-FOSC-H09



CC-FOSC-H10

FIBER OPTIC SPLICE CLOSURE

Fiber Management



CC-FOSC-H11

CC-FOSC-H12-01

CC-FOSC-H12-02

CC-FOSC-H12-03



CC-FOSC-H12-04

CC-FOSC-H12-05

CC-FOSC-H12-06

CC-FOSC-H13-01



CC-FOSC-H13-02

CC-FOSC-H13-03

CC-FOSC-H13-04



FIBER DISTRIBUTION BOX

Fiber Management



CC-FDB-101



CC-FDB-102



CC-FDB-103



CC-FDB-208



CC-FDB-215



CC-FDB-216



CC-FDB-217



CC-FDB-218



CC-FDB-301

FIBER DISTRIBUTION BOX

Fiber Management



CC-FDB-302



CC-FDB-303



CC-FDB-304A



CC-FDB-304B



CC-FDB-305-FC12



CC-FDB-305-FC24



CC-FDB-305-SC12



CC-FDB-305-SC24



CC-FDB-316



FIBER TERMINAL BOX

Fiber Management



CC-FTB-104C-2



CC-FTB-204



CC-FTB-206



CC-FTB-212



FIBER TERMINAL BOX

Fiber Management



CC-FTB-213

CC-FTB-214-24

CC-FTB-215-48



CC-FTB-216-48

CC-FTB-216-FC12

CC-FTB-217-FC24



CC-FTB-218-SC12

CC-FTB-219-ST12

FIBER TERMINAL BOX

Fiber Management



CC-FTB-401



CC-FTB-405



CC-FTB-422



CC-FTB-862



CC-FTB-866



FIBER DISTRIBUTION FRAME

PRODUCT DESCRIPTION

CommuniChina can provide you a vast variety of high quality and extremely competitive fiber optical distribution products, which are applied in CATV, broadcast Telecommunications, urban railway communication system, data communication, public security monitoring network, etc. Robust design and attractive styling combines strength and appearance, ideal for office environments, data networking, broadcast, security and audio visual applications. We have acquired ISO9001 certification, and our main products have obtained the certification by "The Quality Inspection Center of Ministry of information industry" and "TLC".

Fiber Management



CC-ODF-E01



CC-ODF-E02



CC-ODF-F01



FIBER DISTRIBUTION FRAME

Fiber Management



CC-ODF-A01



CC-ODF-A02



CC-ODF-B01



CC-ODF-C01



CC-ODF-D01



CC-ODF-G01



CC-ODF-R01



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FIBER DISTRIBUTION FRAME

Dimension and Capacity:

Type	Dimension	Maximum Capacity Configuration(Cores)	type	Dimension	Maximum Capacity Configuration(Cores)
CC-ODF-A	2600x600x300	504	CC-ODF-B	2600x240x300	96
	2200x600x300	504		2200x240x300	96
	2000x600x300	504		2000x240x300	96

Type	Dimension	Maximum Capacity Configuration(Cores)	type	Dimension	Maximum Capacity Configuration(Cores)
CC-ODF-C	2600x840x300	504	CC-ODF-D	2600x840x300	576
	2200x840x300	504		2200x840x300	576
	2000x840x300	504		2000x840x300	576

Note: The products mentioned above always use ODF-Units A, B, C, D Type.

Fiber Management

Dimension and Capacity:

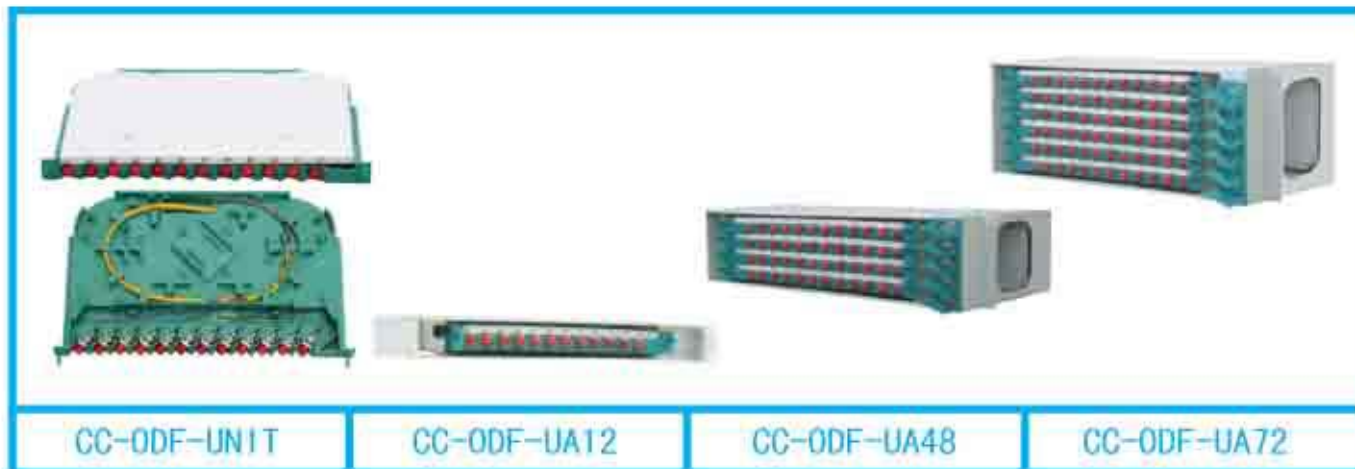
Type	Dimension (mm) Height x Width x Depth	Maximum Capacity Configuration(Cores)		
		CC-ODF-UXA48	CC-ODF-UXA72	CC-ODF-UXC48
CC-ODF-E20	2000x750x500	336	504	288
CC-ODF-E22	2200x750x500	384	576	336
CC-ODF-E26	2600x750x500	432	648	384

Type	Dimension (mm) Height x Width x Depth	Maximum Capacity Configuration(Cores)		
		CC-ODF-UXA72	CC-ODF-UXA48	CC-ODF-UXC72
CC-ODF-F20	2000x600x450	288	192	288
CC-ODF-F22	2200x600x450	360	240	360
CC-ODF-F26	2600x600x450	432	288	432

Type	Dimension (mm) Height x Width x Depth	Maximum Capacity Configuration(Cores)		
		CC-ODF-UXA72	CC-ODF-UXA48	CC-ODF-UXC72
CC-ODF-G20	2000x600x300	360	192	288
CC-ODF-G22	2200x800x300	432	240	360

CODF UNIT SERIES

Fiber Management



CC-ODF-UNIT

CC-ODF-UA12

CC-ODF-UA48

CC-ODF-UA72



CC-ODF-UB24

CC-ODF-UB48

CC-ODF-UB72

CC-ODF-UB96



CC-ODF-UC12

CC-ODF-UC24

CC-ODF-UC48

CC-ODF-UC72

CC-ODF-UD72



ODF UNIT-X SERIES

Fiber Management



CC-ODF-UXA SERIES



CC-ODF-UXC SERIES



CC-ODF-UXB SERIES



CC-ODF-UXD SERIES

ODF UNIT SERIES

Dimension and Capacity:

ODF UNIT SERIES

Type	Dimension (mm) Height x Width x Depth	Capacity (Cores)	Equipped Height(U)
CC-ODF-UA12	480x250x44.5	12	1
CC-ODF-UA48	480x210x133.5	48	3
CC-ODF-UA72	480x210x178	72	4
CC-ODF-UB24	480x300x89	24	2
CC-ODF-UB48	480x300x133.5	48	3
CC-ODF-UB72	480x300x178	72	4
CC-ODF-UB96	480x300x267	96	6
CC-ODF-UC12	480x235x44.5	12	1
CC-ODF-UC24	480x235x89	24	2
CC-ODF-UC48	480x235x133.5	48	3
CC-ODF-UC72	480x235x178	72	4
CC-ODF-UD72	480x200x178	72	4

Fiber Management

Dimension and Capacity:

ODF UNIT X-SERIES

Type	Dimension (mm) Height x Width x Depth	Capacity (Cores)	Equipped Height(U)
CC-ODF-UXA48	220x482x350	48	5U
CC-ODF-UXA72	220x482x350	72	5U
CC-ODF-UXB12	44x482x330	12(18)	1U
CC-ODF-UXB24	88x482x330	24(36)	2U
CC-ODF-XC48	265x482x350	48	6U
CC-ODF-XD48	176x482x300	48	4U
CC-ODF-XD72	176x482x300	72	4U
CC-ODF-XD96	265x482x330	96	6U



OPTICAL SPLITTER MODULE

Fiber Management



Dimension and Specification:

Type	Dimension (mm) Height x Width x Depth	Capacity (Cores)
CC-RM-SM116	44.5x482x300	1 in , 16 out
CC-RM-SM232	44.5x482x300	2 in , 32 out
CC-RM-SM-S16116	222.5x482x250	16in , 116out
CC-RM-SM315SC	44.5x482x320	3 in , 15 out
CC-RM-SM315FC	44.5x482x320	3 in , 15 out
CC-RM-SM-A1-6	220x482x350	1 in , 6 out per Unit (12units)
CC-RM-SM-B1-6	265x482x350	1 in , 6 out per Unit (12units)

FIBER INTERCONNECT CABINET



CC-FIC-Z01

PRODUCT DESCRIPTION

CommuniChina's FIBER INTERCONNECT CABINET is the interface equipment, which is used between backbone fiber and tributary fiber in optical access network. It is suitable for fiber splicing, storage and distribution function, and depatch for the cables, can be mounted on the ground or to the wall.

Fiber Management



CC-FIC-A01



CC-FIC-A02



FIBER INTERCONNECT CABINET

Fiber Management



CC-FIC-B01



CC-FIC-B02



CC-FIC-B03



CC-FIC-B04



CC-FIC-B05



CC-FIC-B06



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NETWORK OUTDOOR CABINET



CC-NSC-WM

- ★ 19" standard installation.
- ★ Side panel could be pulled off. Equipments could be maintained easily.
- ★ Made of cold-rolled steel.
- ★ Could place fans, tray, power socket etc.

Fiber Management



CC-NSC-P



CC-NSC-F



CC-NSC-WL



NETWORK OUTDOOR CABINET

Fiber Management



CC-OC-01



CC-OC-02



CC-OC-03



CC-OC-04



CC-OC-05



CC-OC-06



CC-OC-07



CC-OC-08



CC-OC-09



CC-OC-10



CC-OC-11



RACK-MOUNTED TERMINAL PANEL BOX

Fiber Management



CC-RM (D) -12SCDX



CC-RM (F1) -12SCDX



CC-RM (F2) -12SCDX



CC-RM (D) -12SCSX



CC-RM (F) -24SCDX



CC-RM (F) -12FC



CC-RM (F) -24FC



CC-RM (F) -48FC



CC-RM (P) -24SCSX



CC-RM (F) -24SCSX



CC-RM (F) -48SCSX



CC-RM (F) -24ST



FIBER OPTIC TOOLS

Optical Tools

Optical Light Source	Fiber Optical Cable Fault Locator	Handheld Optical Multi meter	Optical Talk Set

Pentype Visual Fault Locator	Fiber Optic Identifier	IL,RL Test Station	OTDR Launch Box

Polishing Film	Fiber Optic Cleaver	Fiber Optic Pen Cleaner	Fiber Optic Box Cleaner



COPPER PATCH CORD

Copper Patch Cord

☺ Conformance

- ★ RoHS
- ★ ETL/UL approved
- ★ ANSI/EIA 568B.2:2002
- ★ EIA/TIA 568B.2.1:2000
- ★ ISO/IEC 11801:2002

☺ Features

- ★ OEM Available
- ★ Printed meter marks
- ★ PVC, LSZH and PE options
- ★ PVC, LSZH and PE external jacket
- ★ Cable supplied in 305m box, patchcord as request
- ★ 23,24,26,32AWG conductor solid/stranded bare copper

☺ Applications

- ★ ATM 155
- ★ 10 Base T (IEEE 802.3)
- ★ 100 Base T (IEEE 802.3U)
- ★ 1000 Base T (IEEE 802.3ab)
- ★ 10G Base T (IEEE 802.3an)
- ★ Token ring (IEEE 805.5)
- ★ 100 VG any LAN (IEEE 802.12)
- ★ Mainly used in Lan Network System
- ★ Computer Network Distributing System
- ★ Ideal for environments where heavy external interference can disrupt signal such as EMI
- ★ External horizontal and backbone installations
- ★ Telephone and other communication circuits such as voice, data, and audio for on-premises customer systems.

☺ CommuniChina offers a wide range of high quality bare copper patchcable for both solid and stranded series. Category 5e UTP patchcord, Category 5e FTP patchcord, Category 6 UTP patchcord, Category 6 FTP patchcord, Category 6A UTP patchcord, category 6A SFTP patchcord(26AWG), Category 5e Slimpatchcord unshielded, Category 6 Slimpatchcord Shielded/unshielded, all are available. Keystone Jacks, Wall Outlets, Faceplates, Patch Plugs, Networking Tools, boots have different types and styles, there must be one you need.



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