

# Optical Fiber Jumper, Connector

Optical Fiber Jumper is the cable with a connector installed on its each end respectively to make the jumping connection of light path. The products are Telcordia GR-326-CORE qualified, and RoHS compliant.



## Applications

Long Haul, Metro, and Access system  
Fiber CATV and fiber data network

## Features

Low insertion loss, high return loss  
Good repeatability and interchangeability

## Specifications

Parameter	Unit	Value														
Type		FC/PC	FC/UPC	FC/APC	SC/PC	SC/UPC	SC/APC	ST/PC	ST/UPC	ST/APC	MU/PC	MU2/PC	MU/APC	LC/PC	LC2/PC	LC/APC
Insertion Loss	dB	Single mode: ≤0.3, Multi-mode: ≤0.1														
Repeatability	dB	≤0.1														
Interchangeability	dB	≤0.2														
Return Loss	SM fiber	≥50	≥50	≥60	≥50	≥50	≥60	≥50	≥50	≥60	≥50	≥50	≥60	≥50	≥50	≥60
	MM fiber	≥36(no APC connector)														
Connection	time	> 1000														
Operation	°C	-40 ~ +80									-40 ~ +75					

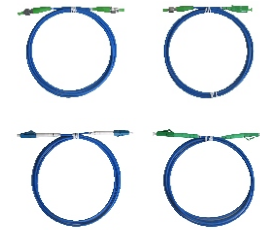
## Ordering Information

Connector of The First End	End Type of The First Ferrule	Connector of The Second End	End Type of The Second Ferrule	Fiber Type	Fiber Dia.	Fiber Length
FC, SC, ST, MU, LC, MU2, LC2	PC, UPC, APC	0:Pigtail FC, SC, ST, MU, LC, MU2, LC2, F25	0:Pigtail PC, UPC, APC	A:G 657A B:G 657B S:G.652 H:G.655 M:Multi mode (50/125) D:Data(62.5/125)	09:Φ0.9mm 20:Φ20mm 22:Φ2.0mm duplex cable 30:Φ3.0mm 33:Φ3.0mm duplex cable	10:10m customer specify

Note: MU2 means Duplex MU connector, LC2 means Duplex LC connector. In case of Φ2mm LC/PC connector, Its length is 51mm ( standard boot ) or 35mm ( short boot )

# Armoured Optical Fiber Jumper, Connector

Armoured optical fiber jumper is a new product which can be easily used just like wire. The biggest difference is that the traditional optical fiber is easily broken or destroyed, the new product solve this problem by using a slight pliability stainless steel tube and a wire fence which used patent technique, and then covered tube with a flame - resisting PVC coating for damp proofing and fire prevention. The unusual design make optical fiber placed more easily, reduced the loss during operation, and increase service-life. The products are RoHS compliant.



## Applications

- FTTH
- ODF
- CATV system

## Features

- Armoured fiber, sturdy and durable
- Ratproof
- Standard connector
- Excellent bend performance

## Specifications

Parameter	Unit	Value										
Type		FC/PC	FC/UPC	FC/APC	SC/PC	SC/UPC	SC/APC	ST/PC	ST/UPC	ST/APC	LC/PC	LC/APC
Insertion Loss	dB	Single mode: ≤0.3, Multi-mode: ≤0.1										
Max Insertion Loss	dB	≤0.5										
Repeatability	dB	≤0.1										
Interchangeability	dB	≤0.2										
Return Loss	dB	≥50	≥50	≥60	≥50	≥50	≥60	≥50	≥50	≥60	≥50	≥60
Connection	time	>1000										
Operation	°C	-40 ~ +80										-40 ~ +75

## Ordering Information

OFC - KZ - [ ] / [ ] - [ ] / [ ] - [ ] - [ ] - [ ]

Connector of The First End	End Type of The First Ferrule	Connector of The Second End	End Type of The Second Ferrule	Fiber Type	Fiber Dia.	Fiber Length
FC, SC, ST, LC	PC, UPC, APC	FC, SC, ST, LC	PC, UPC, APC	A:G657A B:G657B S: G652 M: multi mode D: data	30:Φ3.0mm	1:1m customer specify

# Optical Fiber Adaptor and Optical Fiber Converter

Optical Fiber Adaptors are used to connect optical fiber connectors of same type, such as FC, SC, ST, while Optical Fiber Converters are used to connect different type connectors, such as FC to SC. The products are RoHS compliant.



## Applications

Connection of optical fiber connectors

## Features

Low insertion loss

## Specifications

Parameter	Unit	Value				
		FC Series	SC Series	ST Series	MU Series	LC Series
Insertion Loss	dB	≤0.20				
Operation Temperature	°C	-40~+80	-40~+80	-40~+80	-40~+75	-40~+75

## Ordering Information

### Optical Fiber Converter

AD - [ ] - [ ] - [ ] - [ ]

Model of The 1st End	Type of The 1st End	Model of The 2nd End	Type of The 2nd End
FC/PC	F : Female	SC/PC	F : Female

### Optical Fiber Adaptor(LC, MU)

AD - [ ] - [ ] - [ ] - [ ] - [ ]

Adaptor	Fix type	Configuration	Core number	Sleeve Material	Optional accessory (for LC, MU)	
LC/PC,LC/APC,MU/PC	S: Screw-back B: Bayonet-back P: Print format	S: symmetry U: dissymmetry C: with dust protector	1: single 2: dual 4: four 8: eight	Z: ZrO2	AD-LC/PC-B-U-1-Z	AD-LC/APC-B-U-1-Z
					AD-LC/PC-B-S-2-Z	AD-LC/APC-S-S-2-Z
					AD-LC/PC-B-U-2-Z	AD-LC/APC-S-S-4-Z
					AD-LC/PC-S-S-2-Z	AD-MU/PC-B-S-1-Z
					AD-LC/PC-S-C-2-Z	AD-MU/PC-B-S-2-Z
					AD-LC/PC-S-S-4-Z	AD-MU/PC-B-S-8-Z

### Optical Fiber Adaptor(FC/SC, ST)

AD - [ ] - [ ] - [ ]

Adaptor	Exterior	Sleeve Material
FC,SC,ST/PC,APC	In case of FC: C: roundness; Q: squareness In case of SC: S: single-core, D: duplex-core In case of ST: C: roundness	Z: ZrO2