

FC Fiber Optic Adapter

Optical fiber connectors are the most used optical passive devices in optical fiber communication systems. Most optical fiber connectors are composed of three parts: two optical fiber connectors and a coupler. Two fiber connectors are installed into the two fiber ends; the coupler plays the role of aligning the sleeve. In addition, the coupler is often equipped with metal or non-metal flanges to facilitate the installation and fixation of the connector.



FC Interface: round thread interface

The external reinforcement method is to use a metal sleeve, and the fastening method is a screw buckle. FC type connector, butt end of ceramic pins. This type of connector is simple in structure, easy to operate, and easy to manufacture, but the fiber end is more sensitive to dust, and Fresnel reflection is easy to produce, and it is more difficult to improve the return loss performance. Later, this type of connector was improved, using a spherical pin (PC) with a mating end face, and the external structure was not changed, which made the insertion loss and return loss performance greatly improved.

Brief Details

Place of Origin: Shenzhen, China

Brand Name: OPTICO

Model Number: FC adaptor

Type: Optical Fibers

Use: FTTX

Product name: Adapter FC/UPC D-type

Operating Temp: -40~75°C

Material: Metal

Certification: RoHS,CE,ISO

Connector Type: FC-FC

Fiber Mode: Singlemode; Multimode

Production Capacity: 60000 pcs/month

Packaging Details: 50pcs/Blister, suitable quantity per carton

Features

Low insertion loss,high return loss

Excellent Temperature stability

Good repeatability and exchangeability

Excellent mechanical endurance

Strict curing time and temperature control

Strict testing standards and methods for quality

Environment protection (ROHS Compliance)

100% NEW raw material and high quality control standard.

Applications

1, CATV

2, Passive/Active device termination

3, Telecommunication networks

4, Metro Industry

5, Aero Industry

6, Local Area Networks(LANs)

7, Data Processing networks

8, Test Equipment

9, Wide Area Networks(WANs)

Specifications:

Product Name	FC fiber optical adapter
Insertion loss(typical)	≤0.3dB
Interchangeability	≤ 0.2dB
Vibration	≤ 0.2dB
Repeatability	≤ 0.2dB
Durability	>1000 times
Operating temperature	-40~75°c
Storage temperature	-45~85°c

Material	Metal
Application	FTTx,LAN,CATV,Telecom
Certification	RoHS,SGS,CE
Connector Type	FC-FC
Polish Type	UPC;APC
Fiber Mode	Singlemode; Multimode; OM3; OM4;OM5
Color	SM: Blue,Green MM: Beige OM3: Aqua OM4: Violet OM5: Lime green
Core	Simplex
Flange	with flange/with ear;
Form of sale	Neutral/OEM/ODM
Use	Fiber connection
Custom Design	Available
Sample Lead Time	within 7 days after confirmation
Advantage	Competitive price with good quality;
Payment Terms	T/T 30% in advance, 70% balance before shipment.

Certifications:



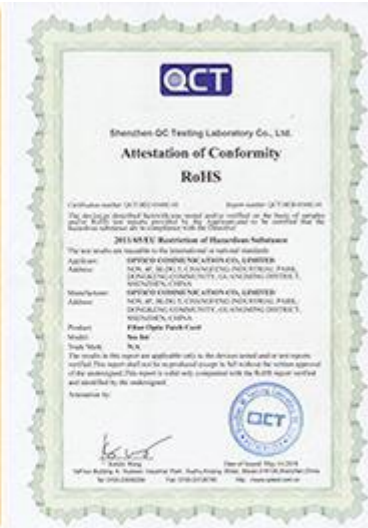
CE



CPR



ISO



RoHS

Factory Workshop:

Shenzhen Optico Communication Co.,Ltd



