

Networks FC Fiber Optic Adapter

Fiber Optic Adapter Introduction:

Fiber optic adapters are the most used optical passive devices in fiber optic communication systems. Most fiber optic connectors are composed of three parts: two fiber optic 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.

Both ends of the fiber adapter can be inserted into fiber connectors of different interface types to realize the conversion between different interfaces such as FC, SC, ST, LC, MTRJ, MPO, E2000, etc. It is widely used in optical fiber distribution frames (ODF), optical fiber communication equipment, Instruments, etc., excellent performance, stable and reliable.



The optical fibers are connected by the adapter through the internal open sleeve to ensure the highest connection performance between the optical fiber connectors. In order to fix on various panels, a variety of fine fixing flanges are also designed.

The two ends of the conversion adapter can be connected with fiber connectors of different interface types, and provide the connection between the APC end faces. The duplex or multi-adapter can increase the installation density and save space.

Specifications:

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Adapter Type	SC/LC-SC/LC	FC/ST-FC/ST	MTP/MPO-MTP/MPO
Material	PBT/PC	Metal	PBT/PC
Insertion Loss	<=0.2dB	<=0.2dB	<=0.2dB
Durability	<=0.20dB typical change, 1000 matings	<=0.20dB typical change, 1000 matings	<=0.20dB typical change, 1000 matings
Storage Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Ferrule Hole Sizes	125.0+1/-0μm, Concentricity: <=0.5μm	125.0+1/-0μm, Concentricity: <=0.5μm	125.0+1/-0μm, Concentricity: <=0.5μm
125.5+1/-0μm, Concentricity: <=0.5μm	125.5+1/-0μm, Concentricity: <=0.5μm	125.5+1/-0μm, Concentricity: <=0.5μm	
126.0+1/-0μm, Concentricity: <=0.5μm	126.0+1/-0μm, Concentricity: <=0.5μm	126.0+1/-0μm, Concentricity: <=0.5μm	

Features:

1. Square cutouts
2. Polymer/metal outer body
3. Panel clip for easy installation
4. Increase panel density and quick plug in installation
5. Meet Bellcore GR-326 standard
6. Low insertion loss, less than 0.2db per connection loss
7. Good interchangeability
8. Good repeatability

Applications:

1. Optical fiber communication system
2. Limited TV network
3. Local area network, optical area network

4. Fiber to the home (FTTP)

5. Video transmission

6. Test equipment

7. Multimedia

2000 squared meters.

5, What is your production capacity?

For fiber optic patch cord, our production capacity is 350,000 pcs/month.

For pigtail, our production capacity is 700,000pcs/month;

Certifications:



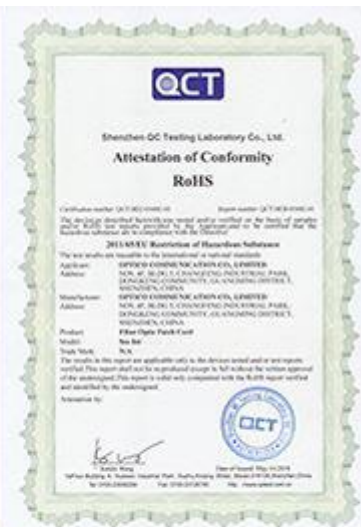
CE



CPR



ISO



RoHS

Factory Workshop:



