

## Telecommunication FC Fiber Adapter

### Introduction:

Optical fiber adapters 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.





This Telecommunication FC Fiber Adapter is designed for telecommunication networks connection. It is made of compact design with low insertion loss( $IL \leq 0.2\text{dB}$ )(APC) and high return loss ( $RL \geq 65\text{dB}$ )(APC). Our company established in 2000, we have been dealing in fiber optic components for more than 18 years. Our products have successfully exported to more than 30 countries, and our main market is Europe. We want to be your long-term business partner in China.

**Specifications:**

Insertion Loss	$\leq 0.25\text{dB}$
Return Loss	$\geq 60\text{dB}$
Durability	$\leq 0.20\text{dB}$ typical change, 1000 matings
Operating Temperature	$-40^{\circ}\text{C}$ to $+85^{\circ}\text{C}$
Ferrule Hole Sizes	$125.0 \pm 1/0\mu\text{m}$ , Concentricity: $\leq 0.5\mu\text{m}$
	$125.5 \pm 1/0\mu\text{m}$ , Concentricity: $\leq 0.5\mu\text{m}$
	$126.0 \pm 1/0\mu\text{m}$ , Concentricity: $\leq 0.5\mu\text{m}$

**Product Characteristics:**

Low insertion loss and high return loss

Nickel plate brass body

Telcordia, ANSI, TIA/EIA, NTT and JIS compliance

Free-floating ceramic ferrule

NTT-FC Compatibility

High precision alignment

Compact design

Precision anti-rotation key and corrosion resistant body

**APPLICATIONS:**

LANS & WANS

Data processing networks

Telecommunication networks

Test equipment

Active device termination

Multimedia

Premise installations

**Product Ordering Options of the Telecommunication FC Fiber Adapter:**

Housing Shape	Housing Composition	Sleeve Material
Square	One-piece	Zirconia
Round (D-shape)	Two-piece	PB

**Tips For Fiber Optic Adapter:**

Fiber optic adapter cleaning method

Although the fiber optic adapter is relatively small and belongs to a small component in fiber optic wiring, this does not affect its important position in the fiber optic wiring system, and it needs to be cleaned like other fiber optic equipment. There are two main cleaning methods, namely Dry cleaning and wet cleaning.

1. Dry cleaning: First, insert a dry cleaning rod into the fiber optic adapter, rotate it and remove it, then align the cleaning rod with the inside of the sleeve, clean the connector inside the fiber adapter, and check whether the end face of the connector Pollution.

2. Wet cleaning: First, dip the cleaning rod into the optical fiber cleaning solution, insert the wet cleaning rod into the adapter, and turn the cleaning rod on the surface of the sleeve, then take a dry cotton swab to clean the connection inside the optical fiber adapter Check the connector end surface for contamination.

**Certifications:**



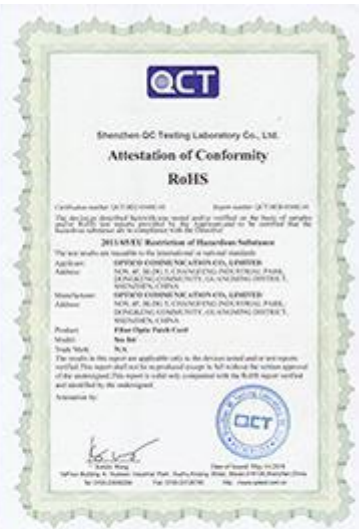
CE



CPR



ISO



RoHS

Factory Workshop:



Shenzhen Optico Communication Co.,Ltd



#### **FAQ of the Telecommunication FC Fiber Adapter :**

1, How many years have you dealt in fiber optic field?

Since the year of 2000.

2, Can we ship our cargo by different ways for one order?

Sure. Some of our customers also require to ship in different ways for one order. For example, ship by Express (like DHL, UPS, Fedex, etc.) for the urgent part, and ship the remaining by train.

3, I ordered different products from other suppliers, can we send them to you, and you help arrange the shipment together for us?

Sure, no problem.

4, What scale is your factory?

2000 squared meters.

5, What is your annual turnover?

5 million~10 million USD;

6, What is your main market?

Europe, North America, Oceania;