



FC Connector

Optical fiber connector is used to connect two fiber or cable, and can be repeated use of passive components. It makes two of the optical fiber end face precision docking, so that the optical output of light energy can maximize the coupling to the receiving optical fiber and make to minimize the effects on the system, it is the basic requirement of optical fiber connector. To a certain extent, fiber optic connectors affect the reliability and the performance of optical transmission system. At present, it has been widely used in optical fiber transmission lines, ODF and fiber optic test instruments, meters, is currently using the largest number of optical passive components.

Features

- UL-rated plastic housing
- Telcordia style boots
- Boots in a variety of colors
- Free-floating ceramic ferrule
- Low insertion loss and back reflection loss
- Precision anti-rotation key and corrosion resistant body

Applications

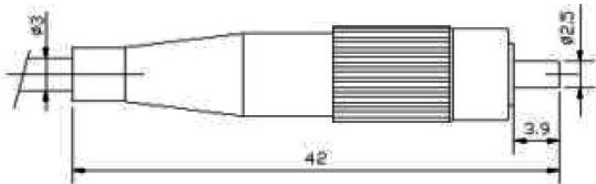
- CATV
- Active device termination
- Metro
- Test equipment
- Local Area Networks (LANs)
- Premise installations
- Telecommunication networks
- Data processing networks
- Wide Area Networks (WANs)

FC connectors are available in both multimode version and single mode Both versions come with a ceramic zirconia splint. They can be polished PC or APC, which prevents the insertion loss and return.

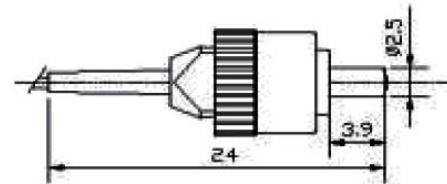
Specification

Item	Specification	
	PC	APC
Insertion Loss	≤0.30dB	≤0.30dB
Return Loss	≥50 dB	≥60 dB
Durability	<0.20 dB typical change, 1000 matings	
Operating Temperature	-40 to + 85°	
Ferrule Hole Sizes	125.0+1/-0μm, Concentricity: ≤0.5μm	125.0+1/-0μm, Concentricity: ≤0.5μm
	125.3+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

Outline Drawing



3.0mm FC Connector



0.9mm FC Connector