

Telecommunication Networks Fiber Optic Connectors

Optical fiber connector connects two optical fibers permanently or separably, it has the protective part i the connection part. The fiber connector is the end device of the fiber.

The optical fiber interface is the physical interface used to connect the fiber cable.Usually there are several types: SC, ST, FC, etc. FC is the abbreviation of Ferrule Connector. Its external strengthening method is metal sleeve, and its fastening way is the screw. The ST interface is usually used for 10base-F, and the SC interface is usually used for 100base-FX.



The Telecommunication Networks Fiber Optic Connectors Product Specs:

Insertion Loss	$\leq 0.20\text{dB(APC)}, \leq 0.30\text{dB(PC)}$	$\leq 0.30\text{dB(PC)}$
Return Loss	$\geq 60\text{dB(APC)}, \geq 50\text{dB(PC)}$	
Durability	$\leq 0.20\text{dB}$ typical change, 1000 matings	
Operating Temperature	-40°C to $+85^{\circ}\text{C}$	-40°C to $+85^{\circ}\text{C}$
Ferrule Hole Sizes	$125.0+1/-0\mu\text{m}$, Concentricity: $\leq 0.5\mu\text{m}$	$126\mu\text{m}$, Concentricity: $\leq 3.0\mu\text{m}$
	$125.5+1/-0\mu\text{m}$, Concentricity: $\leq 0.5\mu\text{m}$	$127\mu\text{m}$, Concentricity: $\leq 3.0\mu\text{m}$
	$126.0+1/-0\mu\text{m}$, Concentricity: $\leq 0.5\mu\text{m}$	$128\mu\text{m}$, Concentricity: $\leq 3.0\mu\text{m}$

Introduction of Various Optical Fiber Interface Types:

FC circular thread (most used on the distribution frame);

ST clamping circular type;

SC clamping squared type (most used on router switches);

PC micro-sphere grinding and polishing;

APC is an 8 degree Angle with micro-sphere grinding and polishing;

MT-RJ square, a double fiber transceiver;

Optical fiber module: generally supports hot plug;

GBIC Giga Bitrate Interface Converter, the optical fiber Interface used is mostly SC or ST type.

SFP small encapsulated GBIC, used fiber interface is LC type.

Telecommunication Networks Fiber Optic Connectors Product Characteristics:

APPLICATIONS:

Telecommunication networks

Premise installations

Data processing networks

Local Area Networks (LANs)

Wide Area Networks (WANS)

Test equipment

Active device termination

The Telecommunication Networks Fiber Optic Connectors Product Quality:

Quality Control Standard: Insertion Loss(IL) \leq 0.2dB(APC), IL \leq 0.3dB(PC); Return Loss(RL) \geq 50dB(PC), RL \geq 65dB(APC);

Certificates: We have passed CPR, ISO, CE certificates;

Delivery way: By International Express e.g. DHL, UPS, Fedex, etc., or by air, by train, by sea etc;



Company Pictures:

