



LEAD Fiber Optics PRODUCT CATALOGUE

FIBER STUB

Fiber Stub



Fiber Stub is a Ceramic (Zirconia) capillary assembled with optical fiber. It is the most important component when connecting Receptacle Modules such as TOSA and ROSA Assemblies. The Fiber Stubs are press fitted into the Receptacle Modules and a stable connection is guaranteed with the fiber stub and fiber connectors when mated in the Receptacle.

Our Fiber Stubs are manufactured with high quality ceramic (Zirconia) ferrules. They have usually PC front polish and APC flat polish. Standard diameters are 1.25mm or 2.5 mm. However other dimensions are also available.

LFO provide a high-quality and reliable Fiber Stub for TOSA-ROSA Receptacle. We have a proven polishing process using specially designed high precision machines. With experienced manufacturing process, Our Fiber Stubs bring the highest Performance and lowest defect rate in their coupling assembly process for TOSA and ROSA.

LFO Fiber Stub Series



Fiber Stub

Fiber Stub Assemblies are used in fiber optic transceivers or in field terminated connectors. Fiber Stubs have usually UPC front polish and APC rear polish. They are manufactured with high quality Ceramic ferrules. Our Fiber Stubs are typically custom made parts depending on the end user's design but our Standard fiber stub diameters are 1.25mm or 2.5 mm.

Fiber stub

Features

- Excellent connecting performance
- Environmentally stable
- Reliable structural designing
- Customized design
- Available for 4,5,6,8 deg end-face

Application

- Transmitter/Receiver Module
- Active device termination
- Optical connection
- Instrumentation



Specifications

ITEM	VALUES	
Mode Type	Single mode	
Model name	PC	APC
Typical Insertion Loss, dB	0.2	
Maximum Return Loss, dB	0.32	
Typical Return Loss, dB	45	55
Minimum Return Loss	40	50
Operating Temperature, °C	-40°C ~ 75°C	
Storage Temperature, °C	-55°C ~ 85°C	
Ferrule Length	To any specified length	

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