

Fiber Optic Adaptor Series

Fiber Optic Adaptors are an important component in a fiber optic network; they are used in a fiber optic patch panel or any other outlet to mate two connectors. Fiber Optic adaptors are available for all standard connector types in both single mode and multimode including Simplex and duplex versions. Our fiber optic adaptors are made with high precision machines which ensure precise alignment for the connectors when they are plugged in. Fiber Optic Adaptors are color coded allowing easy identification of the adaptor type. We also offer hybrid and other special types of fiber optic adaptors, such as Bare, shuttered and metal housing fiber optic adaptors.

Standards Compliance

TIA/EIA-568-C.3 TIA/EIA-604 RoHS, REACH SvHC compliant

Features

- Made of high quality Zirconia ceramic sleeves
- 100% tested on optical performance (Insertion Loss & Return Loss)
- End-face geometry requirement complies to Telcordia GR-326-CORE
- For end-to-end fiber cable connectivity
- Available in singlemode and multimode, including APC and various colours
- Female to female & male to female adapters available
- Hybrid, Shuttered and Metal adapters available
- Coloured for easy identification

Environmental & Mechanical Data

Operating Temperature	-40 to +75° C
Storage Temperature:	-40 to +85° C
Temperature Cycling (61300-2-18)	-40 to +75° C, 40 cycles=0.2dB change
High temperature (61300-2-18)	70°c for 96Hrs, <0.4dB change
Damp Heat (61300-2-19)	40° C at 93%RH for 96 Hrs, <0.4dB change
Vibration-Mated Pair (61300-2-1)	10-55Hz, 1.5mm P to P <0.2dB change
Mating Durability (61300-2-2)	500 Mating Cycles, clean every 25, <0.2dB change

Optical Performance Data

Item	Single mode			Multimode		
	PC	UPC	APC	62.5/125	50/125	50/125 10G
Insert Loss/connector (single Fiber)	0.2dB Max. (0.15dB typ.)			0.2dB Max. (0.15dB typ.)		
Return Loss	≥45 dB	≥50 dB	≥60 dB	N.A		
Insert Loss/MTRJ Connector	0.5dB Max. (0.45dB typ.)			0.5dB Max. (0.45dB typ.)		
Pull Strength	≥98N			≥98N		

