



1、 Description

Fiber optic adapter is mainly used for connection and fixing of optical fiber connectors. With precise ceramic sleeve, this range of fiber optic components could ensure perfect alignment between ferrules of the two connectors combined. Therefore, optical signal is transmitted through the fiber connectors with little insertion loss.

2、 Features

- Excellent Changeability and Directivity
- 100% optic test(Insertion Loss)
- Ceramic and phosphor bronze sleeve tube optional
- Accurate external size
- Individual package available
- Standard sleeve, Various adaptor option: LC、 SC、 FC、 ST、 E2000、 MU、 DIN etc.

3、 Specification

Item	Parameter	
Connector Type	ST、 SC、 FC、 LC、 MTRJ、 MU、 MPO、 E2000	
Fiber Type	SM	MM
Color	Blue, Green, Metallic	Beige, Metallic, Aqua
Testing Wavelength	1310nm, 1550nm	850nm, 1300nm

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Insertion Loss	Typical \leq 0.15dB,max. \leq 0.20dB
Repeatability	\leq 0.10dB
Exchangeability	\leq 0.20dB
Durability	1000 Mating, max \leq 0.20dB
Channel Number	Single core, dual-core, four cores
Housing Material	Plastic or metal
Alignment Sleeve	Ceramic (ZrO ₂) or customized
Operating Temperature	-40°C to +80°C
Storage Temperature	-40°C to +85°C

4、Application

- Testing instruments
- Connection between devices
- Connection between fiber optic patch cords
- CATV, MANs, WANs
- FTTx