



1、 Description

The hybrid fiber adapter is a special style of fiber optic adapter that supports precision connection of different types of fiber optic connectors. The precise ceramic sleeve inside of the optic adapter achieves perfect alignment between the ferrules of these two different connectors, thus decreasing loss during signal transmission.

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、 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
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