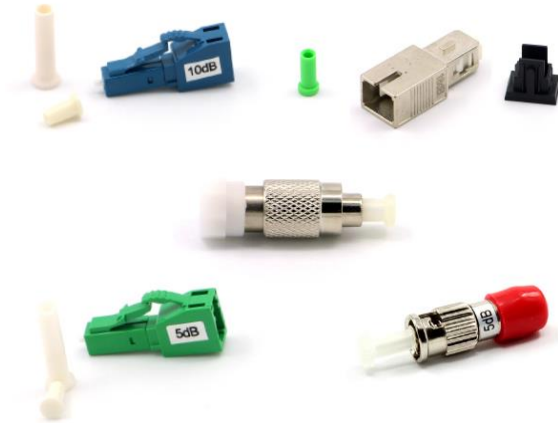


Fiber Optic Attenuator



For high-speed fiber-optic communications and data networks, high-performance fiber jumpers mean lower insertion loss and better random interchangeability. IEC Grade B-class patch-cord require higher processing technology and materials than ordinary products. We offer reliable and stable IEC Grade A / B / C grade patch-cord.

Description

The optical attenuator is a very important fiber optical passive components, it can be forecast according to user requirements of the optical signal energy attenuation. Used to reflect or absorb light power allowance, the wastage of the evaluation system and all kinds of tests. At present, the series optical attenuator has been widely used optical communication field, brought convenience to the user, as light weight, small size, high precision, good stability, convenient use, etc.

Features

- Bell core Compliant
- Durability (well over 100mw)
- Wavelength Independent (DWDM)
- Simple and Reliable Structure
- Customized attenuation available

Application

- Low Insertion Loss Deviation
- Fiber Optic Communication Systems
- Fixed Type
- Local Area Networks (LAN)
- Variable of attenuation ways and a bound of connector types

Specification

Adapter Type Fixed Attenuator

Item	Specification
Attenuation Range	0-30dB
Available Wavelengths	1310nm or 1550nm
Fixed attenuation value	1,2,3,5,10,15,20dB or optional
Return Loss	≥50 dB (SPC) , ≥60 dB (APC)
Attenuation Accuracy	+/-0.5 (1-5) dB , +/-10% (6-30) dB
Polarization Dependent Loss	≤0.2dB
Temperature Range	-40° C-80°C
Humidity Range	+/- 0.2 dB Change in 10% to 90% relative Humidity Range.
Vibration	≤0.1 dB change between 10Hz to 55Hz.
Drop	+/- 0.2dB after 8 drops (3 axes) from 1.8 meters onto a hard surface.

Plug-in Fixed Attenuator

Item	Specification
Operating Wavelength	SM: 1200-1600nm or 1310nm, 1550nm . MM: 850nm, 1300nm
Return Loss	≥50 dB (UPC) , ≥60 dB (APC)
Attenuation Accuracy	+/-0.5 (1-5) dB , +/-10% (6-30) dB
Polarization Dependent Loss	≤0.2dB
Maximum Optical Input Power	200mW
Operating Temp. Range	-40 ~ 80° C