



Fixed Attenuator

FC Fixed Attenuator

Description

Our Ceramic Zirconia Ferrule sticks are manufactured Fiber optic attenuator is a device used to reduce the power level of an optical signal, either in free space or in an optical fiber. The basic types of optical attenuators are fixed, step-wise variable, and continuously variable.

Feature

- High return loss
- Simple structure
- Max operation power (0.5W)
- Low wavelength relativity
- Low polarization related loss
- Compact design



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Application

- Fiber optical distributing frame
- Fiber optical network system
- Hi-speed fiber optical transmission system
- CATV system
- Long distance DWDM system
- Optical add-drop multiplexers(OADM)

Specification:

Attenuation value	1 3 5 10 15 20 25 dB
Attenuation precision	1~9dB(± 0.5 dB) ≥ 10 dB($\pm 10\%$ dB)
Return Loss	PC > 40 dB APC > 55 dB
Operation wavelength	1310nm and 1550nm(SM)
Polarization loss	≤ 0.1 dB
Operation temperature	-40℃ ~ +70℃
Temperature(Unencapsulation)	95%RH Apply to Telecordia standard(GR-910-CORE)

