



FC Plug Type Fixed Attenuator

Plug Type Fixed Attenuator (male to Female) are used in optical systems where the optical power from a source is too high for the test equipment in use. The fixed plug in attenuator introduces an in-line fixed loss that will reduce the source power to an acceptable detection level. The attenuation level should be stable with temperature and wavelength for a stable reliable system.

The products are Telcordia GR-1221/1209-CORE qualified, and RoHS compliant.

Performance Specifications

Item	Specifications
Wavelength	1310 nm and 1550 nm (Single-Mode)
Attenuation Tolerance (dB)	1-10dB \pm 1.0dB (typical) standard
	11-25dB \pm 10% (typical) standard
	1-10dB \pm 0.5dB (typical) premium
	11-25dB \pm 5% (typical) premium
Return Loss	RL= -50dB (UPC) RL= -60dB (APC)
PDL	<0.1dB
Operating Temperature	-40°C~+75°C
Storage Temperature	-40°C~+75°C

Item	Specifications
Wavelength	850 nm (Multi-Mode 50/125um)
Attenuation Tolerance (dB)	2dB,5dB,10dB \pm 1.0dB (typical) standard
	15dB \pm 10% (typical) standard
	2dB,5dB,10dB \pm 0.5dB (typical) premium
	15dB \pm 5% (typical) premium
Return Loss	/
Operating Temperature	-40°C~+75°C
Storage Temperature	-40°C~+75°C

Features

- ◆ Metal-Ion Doped Fiber (continuous)
- ◆ Simple and Reliable Structure
- ◆ Durability (well over 1 W) (EDFA)
- ◆ Wavelength Independent (DWDM)
- ◆ Low PDL (<0.1dB)
- ◆ Low Polarization Dependence
- ◆ Bellcore Compliant (GR-910-CORE)

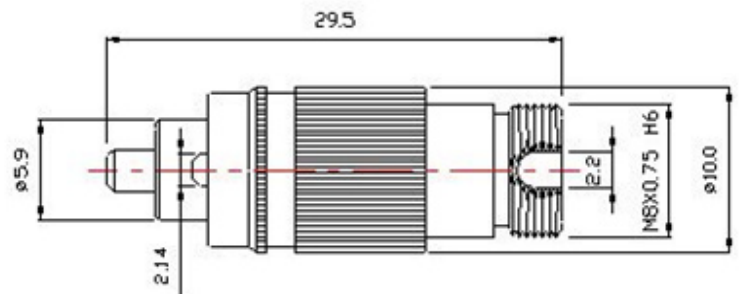
Applications

- ◆ Telecommunication Networks
- ◆ CATV & LAN
- ◆ Data Networks
- ◆ Passive Optical Networks

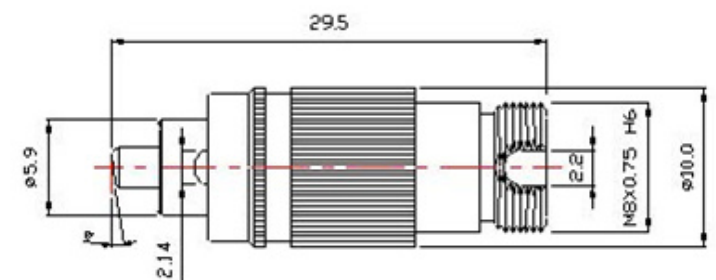


Appearance & Dimension

FC/PC Plug Type Fixed Attenuator



FC/APC Plug Type Fixed Attenu-



Order information

PFA-①①-②②-③③

①①	②②	③③
Operating Wavelength	Attenuate Value	Coupling Type
13:1310nm 15:1550nm 35:1310/1550nm 85:850nm (50/125)	20:20dB 15:15dB 10:10dB 05:5dB 03:3dB	00:None FC:FC/PC FA:FC/APC