



LC 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.



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

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 LC:LC/PC LA:LC/APC

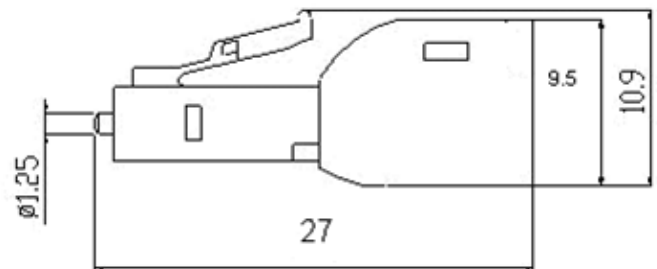
Performance Specifications

Item	Specifications
Wavelength	1310 nm and 1550 nm (Single-Mode)
Attenuation Tolerance (dB)	1-10dB$\pm 1.0\text{dB}$ (typical) standard
	11-25dB<math>< \pm 10\%</math> (typical) standard
	1-10dB$\pm 0.5\text{dB}$ (typical) premium
	11-25dB<math>< \pm 5\%</math> (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 <math>< \pm 1.0\text{dB}</math> (typical) standard
	15dB$\pm 10\%$ (typical) standard
	2dB,5dB,10dB <math>< \pm 0.5\text{dB}</math> (typical) premium
	15dB<math>< \pm 5\%</math> (typical) premium
Return Loss	/
Operating Temperature	-40°C~+75°C
Storage Temperature	-40°C~+75°C

Appearance & Dimension

LC/PC Plug Type Fixed Attenuator



LC/APC Plug Type Fixed Attenu-

