

Flyin Male to Female Type Attenuator

Male to female fiber optic attenuators are doped fiber attenuators, providing low wavelength sensitivity, high stability, high return loss and good reliability. This makes our attenuators well suited for EDFA, DWDM and other high-power output applications, it's also called Plug-Type attenuator.

Features

- Metal ion doped fiber
- Attenuation levels ranging from 1dB to 30dB
- Low back reflection
- High power endurance
- Maximum stability, reliability and flat spectral response
- 100% IL, RL and visual inspection tested
- Easy to connect/disconnect (Push-Pull)
- High mechanical resistance

Applications

- Passive optical networks
- Fiber optical sensor
- Optical power receivers protection
- Multi-wavelength systems balancing
- EDFA loop tests and measurements



Performance Specifications

Item	Parameter
Operating Wavelength	1310nm or 1550nm
Attenuation Range	1~30dB
Return Loss	PC:≥50dB UPC: ≥55dB APC: ≥60dB
Attenuation Tolerance	±0.5dB (1-10dB) ±1.0dB (11-30dB)
Polarization Dependent Loss	<0.1dB
Maximum Optical Input Power	200mW
Operating Temperature	-40°C~+75°C

Ordering Information

Attenuator type	Connector Type	Polishing	Wavelength	Attenuation Level (dB)
Male to female attenuator	1=LC	1=PC	13=1310nm	1=1dB
	2=SC	2=APC	15=1550nm	2=2dB
	3=FC		35=1310/1550nm	3=3dB
	4=ST			5=5dB
	5=MU			...
				30=30dB