



Introduce

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

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

Technical parameters

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



Operating Temperature(°C)	-40~+75
Store Temperature(°C)	-40~+80

Technical parameters

A	B	C	D
Wavelength	Attenuation Level	Connector Type	Polishing
1 : 1310nm	1 : 01dB	1 : LC	1 : PC
2 : 1550nm	2 : 02dB	2 : SC	2 : APC
3 : 1310/1550nm	3 : FC	
	8 : 08dB	4 : ST	
	5 : MU	
	20 : 20dB		
		
	30 : 30dB		