

Fiber Optic Attenuator Series

Fiber Optic Attenuator is a passive device used to reduce the amplitude of a light signal without significantly changing the wave form itself. The basic types of optical attenuators are fixed and variable, and are designed to be used with various kinds of fiber optic connectors. The attenuators can be female to female or male to female.

Complied with or exceeds Standard

- Telcorida GR-326-CORE (ferrule end face quality compliant)
- Telecordia GR-910-CORE
- EC 60874-7, F01(JIS C5970) TIA/EIA-604-4A
- TIA/EIA-568B-B.3 Fiber Optic Cabling Components Standard
- EEE802.3z Standards for Fiber Optic Cabling
- RoHS Approved for European Market Requirements

Features

- Precise attenuation level with 1dB,2dB,3dB... to 30dB, typical 5dB, 10dB 15dB
- Inline design is easy to use (plugs between existing fiber jumper & equipment)
- Portable, Easy installation, Readily panel mountable
- High Quality Return loss 60db or Greater
- Custom designed specifications
- Dual wavelength (1310nm/1550nm)
- Attenuators marked with attenuation level



Specifications

Characteristics	Unit	Conditions	Values
Attenuation	dB	UPC	1 ~ 30
		APC	1 ~ 20
Return Loss	dB	UPC	≥50
		APC	≥60
Operating Wavelength	nm	-	1310 and 1550, 1240 - 1600
Attenuation Accuracy	-	1 ~ 10dB	± 0.5dB
		11 ~ 30dB	± 10%
Operating Temperature	°C	-	-40 ~ +75
Storage Temperature	°C	-	-40 ~ +85
Polarization Dependent Loss	dB	-	≤0.2
Relative Humidity	%	75°C	95
Vibration	dB	10 ~ 55, 2Hrs	ΔIL≤0.2
Impact	dB	1.5m, 5 drops	ΔIL≤0.2