

Fiber Optic Attenuators

Fiber Optic attenuator is used to reduce the optical power level of a communication signal, in an optical fiber used in a fiber optic communication link. They use different principles of functioning like gap-loss, absorptive or reflective techniques.

Applications

- Long distance optical communication system.
- Local Area Networks(LANS), Fiber to the Home (FTTH)
- Fiber Optic Sensing, Fiber Optic Testing Instruments.

Feature

- High reliability, strictly comply with Telcordia GR-910 core Standard
- Low Insertion Loss and back reflection
- Excellent Attenuation Accuracy and Stability
- Definable attenuation form 1dB to 30dB
- Available in air gap type and plugin type.
- Available with FC, SC,ST, LC (Male to female and Female to female)

Technical Specification

Optical performance	M-F plug type /inline type	F-F Adaptor Type
Operating Wave length	SM 1260-1600nm	MM1260-1320nm
Testing Wave length	SM:1310nm/1550nm	1310nm
	MM:850nm/1300nm	
Attenuation Accuracy	1-9dB, 0.5dB, 10-30dB 10% of Attenuation value	
Durability	<0.20db Typical,1000 mattings	
Operating Temp.	-20-+75°C	
Storage Temp.	-40-+85°C	
Input Power (Max.)	200mW	
Return Loss	≥45dB(pc)	
	≥50dB(pc)	

Ordering Information

Part Code	Description
3C-AT-XXX-YYY-ZZ	Fiber Optic Attenuators

XXX- (FCP, SCP,....)

YYY- (M-F, F-F, INL)

ZZ- (05-5dB, 10-10dB,....)

