



Fixed Attenuators

Applications

- Telecommunication Network
- CATV Network
- Data communication Network
- Instrumentation
- Local Areal Network

Key Features & Benefits

- Optimized ion doped fiber technology
- Various fixed attenuation available
- Superior durability
- Low polarization dependence
- Superior spectral flatness and very low ripples
- Withstands high optical power up to 1W
- Conforms to Telecordia(GR-910-CORE) conformed

Quiktron's Fixed Attenuators simulate the loss that would be caused by a long length of fiber. The attenuator reduces the intensity of the light signal by absorbing a portion of the light. The attenuators use an all fiber attenuation mechanism ensuring the devices are wavelength and polarization insensitive. Quiktron attenuators feature ruggedized packaging, compact housings and a completely enclosed fiber system to ensure repeatable performance without concern for damage.

Fixed Attenuators

Parameters		Single Mode (9/125μm)	Multimode (50/125μm, 62.5/125μm)
Attenuation Value		0dB to 20dB(1dB step), 25dB 30dB	0dB to 25dB(1dB step)
Operating Wavelength		1260nm ~ 1620nm	850nm or 1300nm
Return Loss	UPC	≤ -55dB	---
	APC	≤ -65dB	
Attenuation Tolerance	1dB ~ 10dB	± 0.5dB ± 5%	± 0.5dB
	11dB ~ 30dB	± 2.0dB ± 5%	
Maximum Power Capability		1W	
Operating Temperature		-40°C ~ +75°C	

Part Number Generator

A			B		C		D		E		
F	O	A	-	7	A	-	0	1	-	0	5

Example: FOA-7A-01-05 Fiber Optic Attenuator, Fixed Male/Female Adapter, LC, 5dB attenuation

A

3 Digit Series:
FOA Optical Attenuator

B

Fiber Type:
1 62.5μm
5 50μm
7 SM

C

Style:
A Male/Female Fixed Adapter

D

Connector:
01 LC
02 SC
03 ST
04 FC
06 ASC
08 AFC

E

Attenuation:
01 1dB
02 2dB
03 3dB
04 4dB
05 5dB
07 7dB
10 10dB
15 15dB
20 20dB
25 25dB