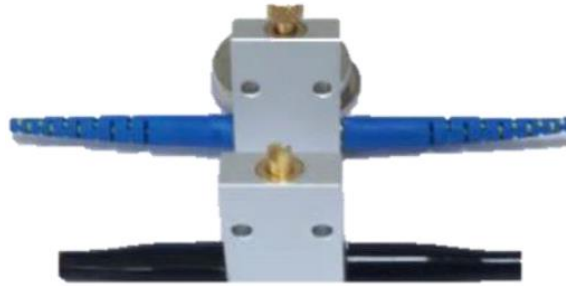


Variable Optical Attenuator



Description:

An optical attenuator is a device used to reduce the power level of an optical signal, either in free space or in an optical fiber.

Variable Optical Attenuators designed to control the optical power in a fiber. They often combined with an active system component to maintain optical power on a network even if the power changes in the input signal.

Features:

- > Compliant with Bellcore GR-910-CORE/JIS C5920.
- > High quality materials.
- > Precision end-face geometry testing.
- > Precision and stable attenuation values.
- > Ultra low return loss.
- > High density, reliable and efficient packaging.
- >

Applications:

- > Telecommunications
- > Data transmission
- > Testing instruments
- > Fiber optical sensors
- > Multi-channel
- > CATV
- > FTTB/FTTH/FTTD
- > LAN/WAN

Specifications and Dimensions:

Parameters	Value	
Operating Wavelength Range	1260-1620nm	850-1310nm
Fiber Type	SMF-28e	50/125 or 62.5/125
Power Handling	≤ 500 nm	
Insertion Loss (IL)	≤0.6 dB	≤0.8 dB
Attenuation Range	0.8-60 dB	0.8-40 dB
Resolution	0.02 dB	
Polarization Dependent Loss (PDL)	<0.15	
Return Loss (RL)	≥50	
Operation Temperature (°C)	-5 ~ +75	
Storage Temperature (°C)	-40 ~ +85	
Package Dimension	Standard: 26x18x8mm Small: 22x5.6x6mm	

Ordering Information:

FVOA - _ _ _ _ _

Fiber Type		Cable Type		Fiber Length		Connector Type		Polish Type		Wavelength		Package [mm]	
5	50/125	L	0.9mm	XX	X.X m	F	FC	P	PC	2	1310nm	None	26x18x8
6	62.5/125	2	2mm	e.g.: 10=1m 15=1.5m		S	SC	U	UPC	3	1550nm	S	22x5.6x6
9	9/125	3	3mm			T	ST	A	APC	6	850/1310nm		
O	OM3					L	LC	0	No connectors	9	1310/1550nm		
G	OM4					M	MU						
						0	No connectors						

Example: **FVOA-5210SU2**

[Fiber Type=50/125; Cable Type=2mm; Fiber Length=1m; Connector Type=SC; Polish Type=UPC; Wavelength=1310nm; Package=26x18x8mm]