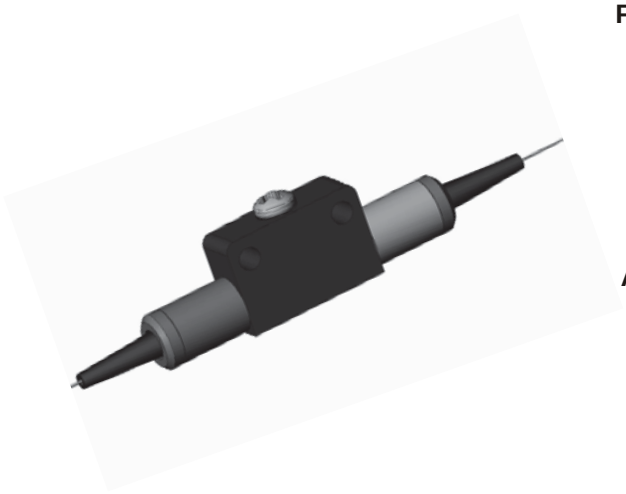
Manually Tuned Variable Optical Attenuator



Features

- Ultra Small Size
- Wide Wavelength Range
- Singlemode, PM And Multimode Fiber Versions
- Low PDL, WDL And TDL
- High Attenuation Range
- High Resolution
- Designed To Meet Telcordia Standards
- Low Cost

Applications

- Power Equalization And Control In Multi-Channel Optically Amplified Networks
- Channel ON/OFF Switch
- CATV
- LAN
- Receiver Protection
- Optical Sensors

Performance Specifications

Parameter	Specification
Available Wavelength (nm)	Optimized at 633, 780, 830, 1310, 1550 and 1625*
Insertion Loss (dB)	≤1.0**
Return Loss (dB)	>50 for singlemode and PM, >30 for multimode
Optical Power Handling (W)	≤1
Attenuation Range (dB)	≥60***
Attenuation Resolution (dB)	0.1 (Typ.)
Temperature Dependent Loss (dB)	0.3 (Typ.)
PDL (dB)	≤0.1
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-40 ~ +85
Fiber Type	Singlemode, PM or 50/62.5 um multimode
Polarization Extinction Ratio (dB) (PM only)	≥20

Specifications may change without notice.

* Other wavelengths also available upon request.

** 1.0 dB maximum applies to 1310 and 1550 nm windows only. Higher insertion loss of up to 1.5 dB may apply to 400-1200 nm.

*** 80 dB is possible by special design.

Ordering Information

MVOA	☐ ☐	☐ ☐	☐ ☐	☐	☐	☐ ☐	-2S
	Option	**Wavelength**	**Range**	**Pigtail Style**	**Fiber Length**	**In/Out Connector**	
	SM=Singlemode M5=50/125 Multimode M6=62.5/125 Multimode PM=PM Fiber	13=1310±50nm 15=1550±50nm 35=1310/1550nm 83=830±30nm 78=780±30nm 63=633±10nm	40=40dB 60=60dB 80=80dB	1=Bare Fiber 2=900um Jacket	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/UPC 7=LC/APC	

Dimensions (mm)