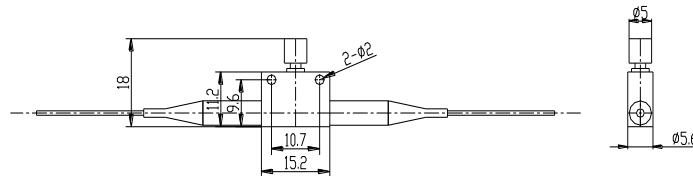


Mini PM Variable Optical Attenuator 830nm

The 830 nm Mini Polarization Maintaining Variable Optical Fiber Attenuator (Mini PM VOA) is a micro-optic component designed to control the attenuation of the optical signal passing through it, the desired attenuation can be precisely achieved by adjusting a screw. It can be used to precisely balance the signal strengths in fiber circuits, or, it can be used to balance an optical signal when evaluating the dynamic range of the measurement system.



Features

- Low Original Loss
- High Extinction Ratio
- Mini Package
- Wide Attenuation Range

Applications

- Power Control in Fiber Systems
- Test & Measurement
- Lab and Research
- Power Equalization

Performance Specification

Parameter	Value	Unit
Center Wavelength	830, or customized	nm
Bandwidth	±10	nm
Max. Original Loss	1.0	dB
Attenuation Range	1.0 - 30	dB
Adjustment Precision within 10dB	0.1	dB
Min. Extinction Ratio	20	dB
Min. Return Loss	50	dB
Max. TDL at Attenuation Range	0.01	dB/°C
Max. WDL at Minimum Attenuation	0.3	dB
Max. Optical Power (Continuous Wave)	300	mW
Max. Tensile Load	5	N
Fiber Type	PM Panda Fiber	
Operating Temperature	0 to +70	°C
Storage Temperature	-40 to +85	°C

Note

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

* The PM fiber and the connector key are aligned to the slow axis.

Ordering Information

PMNVOA-AAA-B-CC-DD

AAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
780 - 780nm	B - 250um Bare	05 - 0.5m	NE - None
830 - 830nm	Fiber	08 - 0.8m	FA - FC/APC
980 - 980nm	L - 900um Loose	10 - 1.0m	FP - FC/PC
SSS - Specify	Tube	15 - 1.5m	SA - SC/APC
		SS - Specify	SP - SC/PC
			LA - LC/APC
			LP - LC/PC
			SS - Specify