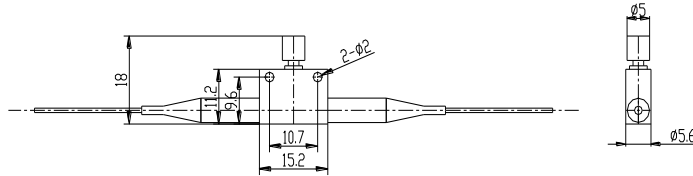


Mini Variable Optical Attenuator 780nm

The 780 nm Mini Mechanical Variable Optical Fiber Attenuator (Mini 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 Reliability
- 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 (CWL)	780, 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
Max. PDL (23°C, CWL, Min. Attenuation)	0.05	dB
Min. Return Loss	50	dB
Max. TDJ 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	HI 780 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.

Ordering Information

MNVOA-AAA-B-CC-DD

AAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
780 - 780nm	B - 250um Bare	05 - 0.5m	NE - None
850 - 850nm	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