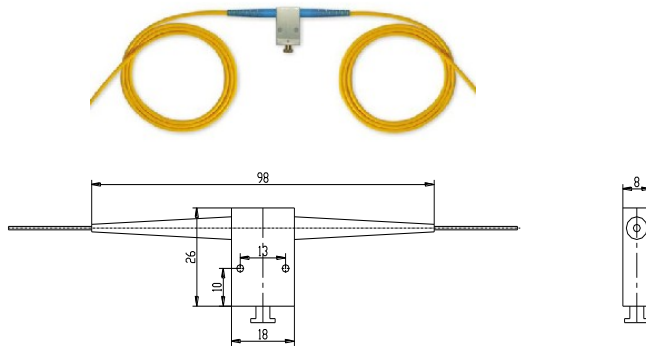


Variable Optical Attenuator 1550nm

The 1550 nm Mechanical Variable Optical Fiber Attenuator (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
- Good Adjustment Precision
- Wide Attenuation Range

Applications

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

Performance Specification

Parameter	Value	Unit
Center Wavelength	1550, or customized	nm
Bandwidth	±40	nm
Max. Original Loss	0.5	dB
Attenuation Range	0.5 - 60	dB
Adjustment Precision	0.02	dB
Min. Return Loss	50	dB
Max. Optical Power (Continuous Wave)	500	mW
Max. Tensile Load	5	N
Fiber Type	SMF-28e Fiber	
Operating Temperature	-5 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

VOA-AAAA-B-CC-DD

AAAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
1310 - 1310nm	B - 250um Bare Fiber	05 - 0.5m	NE - None
1550 - 1550nm		08 - 0.8m	FA - FC/APC
SSSS - Specify	L - 900um Loose Tube	10 - 1.0m	FP - FC/PC
	C - 3.0mm Loose Tube	15 - 1.5m	SA - SC/APC
		SS - Specify	SP - SC/PC
	2 - 2.0mm Loose Tube		LA - LC/APC
			LP - LC/PC
			SS - Specify