

1550nm SM Manual Variable Optical Attenuator

1550nm SM Manual Variable Optical Attenuator is a fiber component which can control the attenuation of the optical power by adjusting the screw, the attenuation value can be up to 60dB, it's widely used in Quantum Communication field, Optical Power Testing System, higher power version is available.

Application:

Quantum Communication
Fiber Laser
Testing System
Lab And Research

Features:

Low Original Loss
High Return Loss
High Attenuation Range
High Reliability



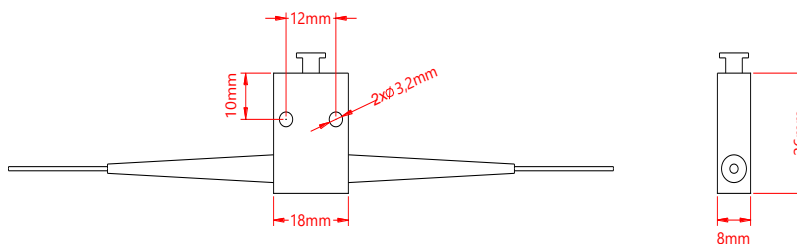
Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	1550	nm
Bandwidth	BW	± 20	nm
Attenuation Range		0.6-60	dB
Max. Original Loss	IL	0.6	dB
Adjustment Precision		0.02	dB
Max. Polarization Dependent Loss	PDL	0.15	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500	mW
Max. Tensile Load		5	N
Fiber Type		SMF-28e fiber	-
Operating Temperature	T	-5~70	°C
Storage Temperature	T	-40~85	°C
Package Dimension		26x18x8	mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23°C.

For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

SMVOA- WWWW -J-LL-CC			
WWWW	J	LL	CC
Wavelength	Fiber Jacket	Fiber Length	Connector
1510 - 1510nm	B - 250um Bare Fiber	05 - 0.5m	NE - None
1530 - 1530nm	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
1550 - 1550nm	2 - 2.0mm Loose Tube	15 - 1.5m	FU - FC/UPC
1560 - 1560nm	3 - 3.0mm Loose Tube	20 - 2.0m	SA - SC/APC
1570 - 1570nm		SS - Specify	SU - SU/APC
1580 - 1580nm			LA - LC/APC
SSSS - Specify			LU - LC/UPC
			SS - Specify