1260-1650nm PM Manual Variable Optical Attenuator

1260-1650nm PM Manual Variable Optical Attenuator is a fiber component which can control the attenuation of the optical power by adjusting the screw manually, 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

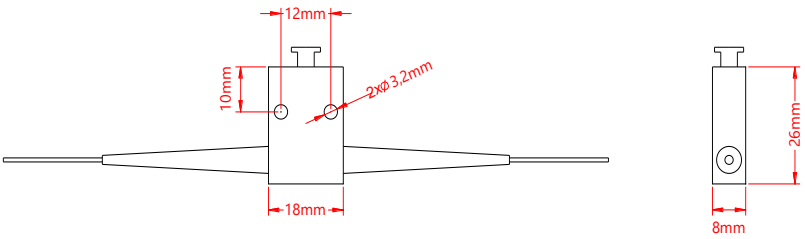
Specification:

Parameter	Symbol	Value	Unit
Operating Wavelength	λ	1260-1650	nm
Attenuation Range		0.8-60	dB
Max. Original Loss	IL	0.8	dB
Adjustment Precision		0.02	dB
Min. Extinction Ratio	ER	20	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500	mW
Max. Tensil Load		5	N
Fiber Type		PM 1310 or PM 1550 Panda fiber	-
Operating Temperature	T	-5~70	℃
Storage Temperature	T	-40~85	℃
Package Dimension		26x18x8	mm

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

For devices with connectors, IL will be 0.3dB higher, ER will be 2dB lower, RL will be 5dB lower, slow axis is default aligned to the connector key.

Drawing:



Ordering Information (Part Number):

PMVOA-WW-FF-J-LL-CC

WW	FF	J	LL	CC
Wavelength	**Fiber Type**	**Fiber Jacket**	**Fiber Length**	**Connector**
AB - 1260-1650nm All Band	P3 - PM 1310 P5 - PM 1550	B - 250um Bare Fiber 9 - 900um Loose Tube 2 - 2.0mm Loose Tube 3 - 3.0mm Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify