

1780nm PM Manual Variable Optical Attenuator

1780nm 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



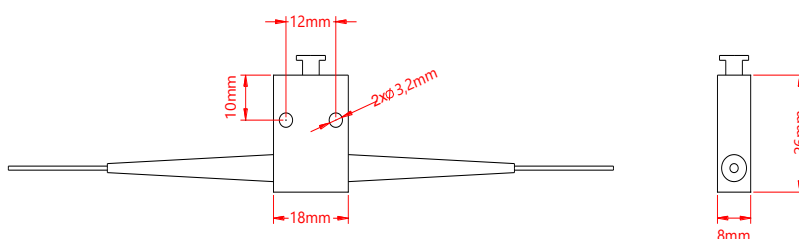
Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	1780	nm
Bandwidth	BW	± 20	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. Tensile Load		5	N
Fiber Type		PM 1550 or PM 1950 Panda 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, 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- WWW - FF - J - LL - CC				
WWW	FF	J	LL	CC
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
1700 - 1700nm	P5 - PM 1550	B - 250um Bare Fiber	05 - 0.5m	NE - None
1720 - 1720nm	P1 - PM 1950	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
1750 - 1750nm		2 - 2.0mm Loose Tube	15 - 1.5m	FU - FC/UPC
1762 - 1762nm		3 - 3.0mm Loose Tube	20 - 2.0m	SA - SC/APC
1780 - 1780nm			SS - Specify	SU - SU/APC
SSSS - Specify				LA - LC/APC
				LU - LC/UPC
				SS - Specify