

## 650nm PM Manual Variable Optical Attenuator

650nm Polarization Maintaining (PM) 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 optical power testing system, visible application and optical power monitoring field.

### Application:

Optical Power Monitoring  
Visible Application  
Testing System  
Lab And Research

### Features:

Low Original Loss  
High Return Loss  
High Attenuation Range  
High Reliability



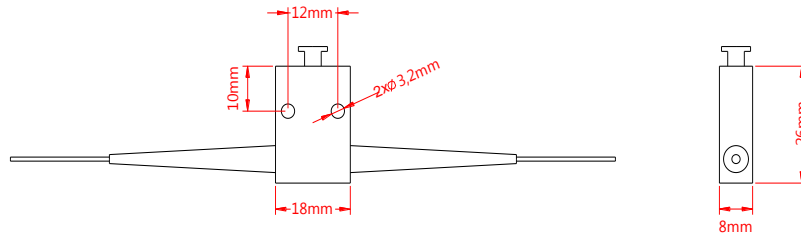
### Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	$\lambda$	650	nm
Bandwidth	BW	$\pm 20$	nm
Attenuation Range		0.8-60	dB
Max. Original Loss	IL	0.8	dB
Adjustment Precision		0.02	dB
Min. Extinction Ratio	ER	18	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500	mW
Max. Tensile Load		5	N
Fiber Type		PM 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.

### Drawing:



### Ordering Information (Part Number):

PMVOA-**WWW**-**J**-**LL**-**CC**

<b>WWW</b>	<b>J</b>	<b>LL</b>	<b>CC</b>
Wavelength	Fiber Jacket	Fiber Length	Connector
633 - 633nm	B - 250um Bare Fiber	05 - 0.5m	NE - None
635 - 635nm	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
638 - 638nm	2 - 2.0mm Loose Tube	15 - 1.5m	FU - FC/UPC
650 - 650nm	3 - 3.0mm Loose Tube	20 - 2.0m	SA - SC/APC
680 - 680nm		SS - Specify	SU - SU/APC
SSS - Specify			LA - LC/APC
			LU - LC/UPC
			SS - Specify