

## 680nm SM Manual Variable Optical Attenuator

680nm 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 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



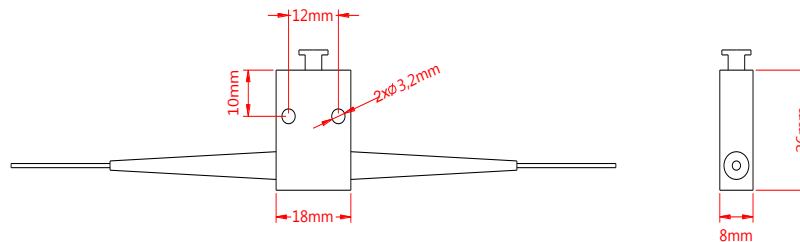
### Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	$\lambda$	680	nm
Bandwidth	BW	$\pm 20$	nm
Attenuation Range		0.8-60	dB
Max. Original Loss	IL	0.8	dB
Adjustment Precision		0.02	dB
Max. Polarization Dependent Loss	PDL	0.1	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500	mW
Max. Tensile Load		5	N
Fiber Type		630-HP 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- <b>WWW</b> - <b>FF</b> - <b>J</b> - <b>LL</b> - <b>CC</b>				
<b>WWW</b>	<b>FF</b>	<b>J</b>	<b>LL</b>	<b>CC</b>
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
633 - 633nm	6H - 630-HP	B - 250um Bare Fiber	05 - 0.5m	NE - None
635 - 635nm	SS - Specify	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