

# Manual Variable Optical Attenuator

## (PM & Non-PM)

### 1310nm, 1550nm, 1064nm

#### Features

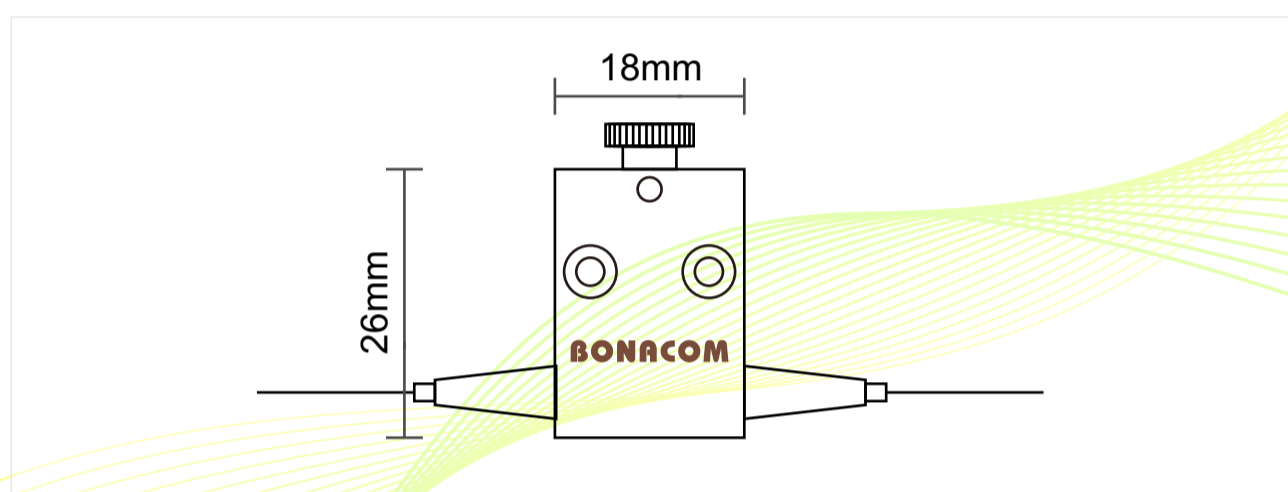
High Precision  
Wide Attenuation Range  
Low Insertion Loss

#### Applications

Optical Communication Systems Test  
Optics Laboratory



#### ◆ Package Dimensions



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Bonacom Technology reserves the right to change any specifications without prior notice.

BN-CG-IS-19-2

#### ◆ Specifications

Parameter	Unit	Value		
Center Wavelength	nm	1310	1550	1064
Operating Wavelength Range	nm	±40	±40	±20
Attenuation Range	dB	0.6~60	0.6~60	0.6~60
Max. Insertion Loss	dB	0.6	0.6	0.6
Min. Return Loss	dB		50	
Adjustment Precision	dB		0.02	
Min. Extinction Ratio at 23°C, only for PM	dB		20	
Max. Polarization Dependent Loss at 23°C, only for non-PM	dB		0.15	
Max. Power Handling	mW		500	
Operating Temperature	°C		0 ~ +70	
Storage Temperature	°C		-40~+85	
Package Dimensions	mm		26x18x8	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.  
The default connector key is aligned to slow axis.

#### ◆ Ordering Information

PMMVOA/PIMVOA-1111-2-333-456-77

1111	-Center Wavelength:	1550=1550nm, 1310=1310nm,....., 850=850nm
2	-Axis Alignment	B=Both Axis Working, F=Slow Axis Working, Fast Axis Blocked, N=no axis
333	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
4	-Package Dimension:	0=26x18x8mm, S=Specified
5	-Pigtail Type:	0=250µm bare fiber, 1=900µm loose tube
6	-Fiber Length:	0=0.8m, 1=1m
77	-Connector for In & Out:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC

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