

Manual Fiber Optical Variable Attenuator

Product Description

This Manual VOA is based on a pair of fiber collimator coupling between a movable blocker, featuring low cost. It has a broadband AR coating.



Features

- Low Insertion Loss
- High Reliability
- Low Cost
- Low power consumption
- Super compact

Performance Specifications

Manual VOA	Min	Typical	Max	Unit
Wavelength	1250		1640	nm
Insertion Loss ^[1]	0.4	0.5	0.9	dB
Attenuation Resolution		Continuous		dB
Attenuation Range		50	60	dB
Polarization Dependent Loss ^[2]		0.02	0.1	
Polarization Extinction Ratio ^[3]	20	23	28	
Return Loss ^[4]		50	60 ^[3]	dB
Power Handling			500	mW
Operating Temperature		-10 ~ 70		°C
Storage Temperature		-40 ~ 85		°C

Notes:

[1] Measure with CPR<14 laser source and excluding connectors

[2] Measured at 10dB attenuation

[3] For PM fiber version only

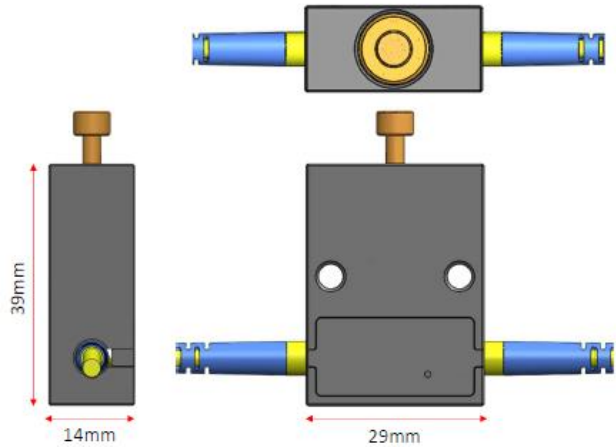
[4] Single Mode, For Multimode, return loss relates to laser condition

Applications

- Dynamic gain equalization
- Variable MUX/DeMUX
- Instrumentation

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Mechanical Dimensions-Package



*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Ordering Information

MVOA-	2 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Configuration	Type	Wavelength	Fiber type	Fiber Length	Connector		
	Normally Open=1	1310=3 1550=5 1250-1640=1 Special = 0	SM28=01 PM 1550=02 PM 1310 =03 50 μm=05 60 μm =06	Bare fiber=1 900um tube=3 3mm tube -4 Special=0	0.25m=1 0.5m=2 1.0m=3 Special=0	None=1 FC/PC=2 FC/APC=3 SC/PC=4 SC/APC=5 ST/PC=6 LC/UPC=7 Special=0	