



Polarization Maintaining Mini Type Manual Variable Optical Attenuator

Features

Low Excess Loss

High Return Loss

High Extinction Ratio

Excellent Environmental Stability

Compact Package

Fiber Optics Components

Research

Telecom

Fiber Laser

Specifications

Parameters	Unit	Values									
		532	630	780	850	980	1064	1310	1550	2000	
Center Wavelength	nm	532	630	780	850	980	1064	1310	1550	2000	
Operating Wavelength Range	nm	±30									
Max. Excess Loss	dB	2	1.6	0.8	0.7	0.6	0.6	0.6	0.6	0.8	
Min. ER at 23°C , Minimum Attenuation	dB	18	18	18	18	20	20	20	20	18	
Min. Attenuation Range	dB	50 (By Screw), 60 (By Hand)									
Resolution Below 10dB Attenuation Range	dB	0.1									
Min. Return Loss	dB	50									
Fiber Type	-	PM Panda Fiber									
Max. Tensile Load	N	5									
Max. Optical Power(CW)	mW	100	100	200	200	300	300	500	500	500	
Operating Temperature	°C	0 to 70 (No Condensing)									
Storage Temperature	°C	-40 to +85 (No Condensing)									

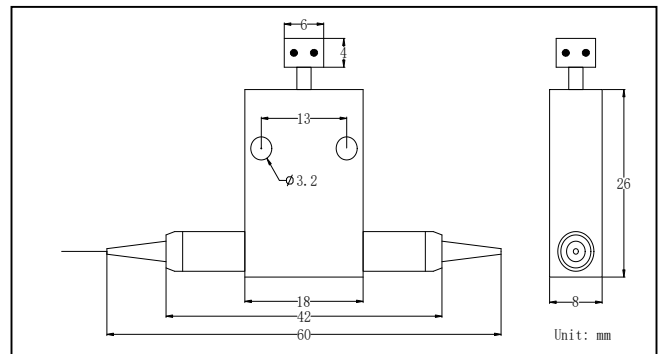
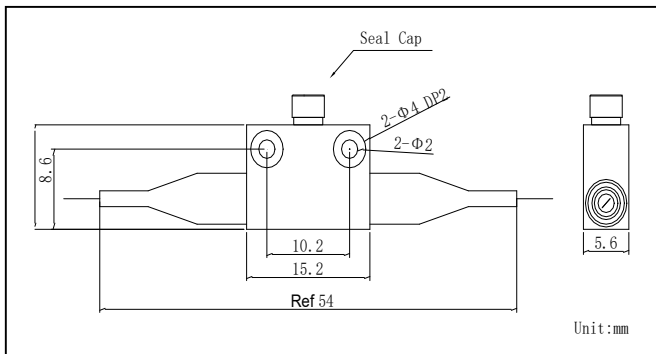
* Above specifications are for device without connector.

* For devices with connectors, IL will be 0.3dB higher (780&850nm: 0.5dB higher; 532&630nm: 1.5dB higher), RL will be 5dB lower, and ER is 2dB lower .

* The PM fiber and the connector key are aligned to the slow axis.

* The material must be RoHS compliant.

Package Dimensions



Ordering Information

PMVOA-①①-②②-③③-④④-⑤-⑥

①①: Wavelength

532 - 532nm

63 - 630nm

78 - 780nm

85 - 850nm

98 - 980nm

06 - 1064nm

31 - 1310nm

55 - 1550nm

20 - 2000nm

SS - Specify

②②: Adjustment Mode

S2 - By Screw

H2 - By Hand

③③: Connector Type

1A - FC/UPC

2A - FC/APC

3D - SC/UPC

4D - SC/APC

N - None

SS - Specify

④④: Fiber Jacket

B - Bare Fiber

C - 900um Loose tube (Red)

D - 900um Loose tube (Blue)

E - 900um Loose tube (Black)

R - 3mm Cable (Blue)

S - Specify

⑤: Fiber Type

1C - PM1950 Fiber

2A - PM1550 Fiber

3A - PM1310 Fiber

4A - PM980 Fiber

5A - PM850 Fiber

6C - PM780 Fiber

7C - PM630 Fiber

8C - PM460 Fiber

SS - Specify

⑥: Fiber Length

0.8 - 0.8m

S - Specify