

Polarization Maintaining Fiber Faraday Mirror

Features	
Low Insertion Loss High PER、High Reliability	
Application	
Fiber Optical Instrument Fiber Sensor, Coherent Detecting	

Specification:

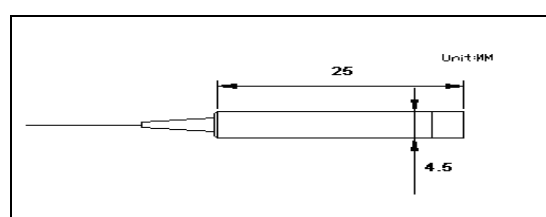
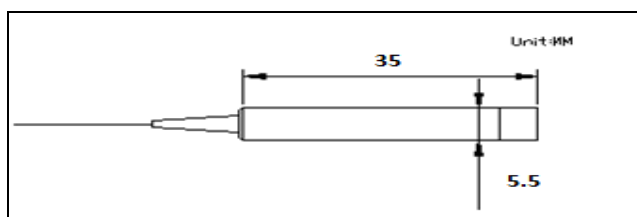
Parameter	Value	
Operating wavelength(nm)	1310, 1550,	1064
Bandwidth(nm)	±15	±5
Insertion Loss (dB)	≤0.6 (Typ.0.4)	≤3.0 (Typ 2.6)
Faraday Rotation Angle (Single Pass) (Degree)	45 or 90	
Rotation Angle Tolerance at 23 °C (Degree)	≤±1	≤±3
Extinction Ratio (dB)	≥20	
Optical Power (mW)	≤500	≤150
Fiber Type	PM 1310 or 1550 Panda Fiber	PM980 Panda Fiber
Operating Temperature(°C)	-5 ~ +70	-5 ~ +50
Storage temperature (°C)	-40 ~ +85	
Dimension(φ×L) (mm)	Φ5.5x35 (P1); Φ4.5x25 (P3)	

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

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

Package Dimension



Ordering Information

PMFM	Wavelength	00	Faraday Rotation Angle	Package	Pigtail Type	Length	Connector
	1064=1064nm 1310=1310nm 1550=1550nm		1=45 Degree 2=90 Degree	1=5.5*35mm 3=4.5*25mm	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC 6=LC/PC