

Polarization Maintaining Fiber Faraday Mirror

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

Specification:

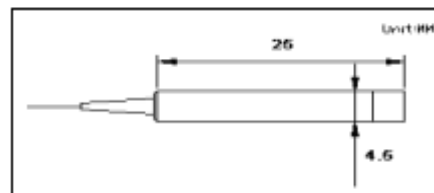
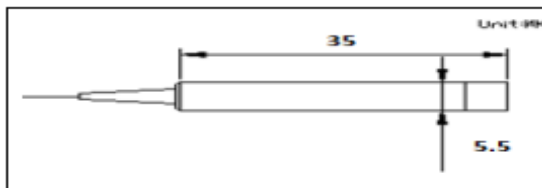
Parameter	Value	
Operating wavelength(nm)	1310, 1450,1480,1550,1580	1064
Bandwidth(nm)	±15	±5
Insertion Loss (dB)	≤0.6 (Typ.0.4)	≤3.0 (Typ 2.6)
Faraday Rotation Angle (Single Pass) (Degree)	45 or 90	
Rotation Angle Tolerance at 23 °C(Degree)	≤±1	≤±3
Extinction Ratio (dB)	≥20	
Optical Power (mW)	≤500	≤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; Φ4.5x25	

*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:

PMFMM	Wavelength	00	Faraday Rotation Angle	Package	Pigtail Type	Length	Connector
	1064=1064nm		1=45 Degree	1=5.5*35mm	1=250um bare fiber	H=0.5m	0=None
	1310=1310nm		2=90 Degree	3=4.5*25mm	2=900um loose tube	8=0.8m	1=FC/UPC
	1450=1450nm				3=3mm loose tube	1=1.0m	2=FC/APC
	1480=1480nm				4=2mm loose tube	5=1.5m	3=SC/APC
	1550=1550nm				S=Specify	2=2.0m	4=SC/UPC
	1580=1580nm					3=3.0m	5=MU
						4=4.0m	6=LC/UPC
						A=2.5m	7=LC/APC
						S=Specify	S=Specify