

1550nm/1310nm/1064nm PM Faraday Mirror

Features

Low Insertion Loss
High Return Loss
High Reliability
High Stability

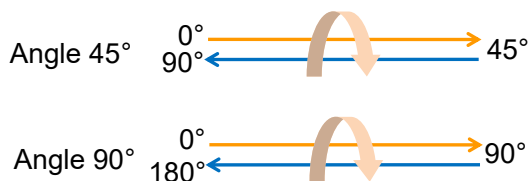
Applications

Fiber Optic Instruments
Fiber Sensors
Fiber Lasers
Coherent Detecting
Research

Specifications

Parameters	Unit	Value	
Center Wavelength	nm	1310 or 1550	1064
Operating Wavelength Width	nm	±15	±5
Max. Insertion Loss	dB	0.6	3.0
Faraday Rotation Angle for CWL	deg	45	
Max. Rotation Angle Tolerance at 23 °C for CWL	deg	±3	
Min. Extinction Ratio at 23 °C, only for PM	dB	20	
Max. Polarization Mode Dispersion	ps	0.05	
Max. Power Handling	mW	500	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5~+70	
Storage Temperature	°C	-40~+85	

Package Dimensions



Ordering Information

PMFRM-1111-2-333-456-7

1111	-Center Wavelength:	1550=1550nm, 1310=1310nm,, 0850=850nm
2	-Rotating Angle:	1=45°, 2=90°
333	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
4	-Package Dimension:	0=φ5.5x35mm, S=Specified
5	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
6	-Fiber Length:	0=0.8m, 1=1m
7	-Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC, N=None