

## Polarization Maintaining Faraday Mirror

### Features

Low Insertion Loss  
High Return Loss  
High Power Capability

### Applications

Fiber Optic Instruments  
Fiber Sensors  
Fiber Lasers  
Coherent Detecting  
Research

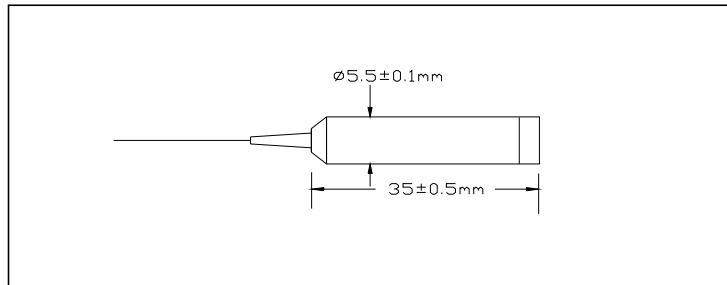
### Specifications

Parameters	Unit	Values
Center Wavelength	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	±15
Typ. Insertion Loss	dB	0.4
Max. Insertion Loss	dB	0.6
Faraday Rotation Angle (Single Pass)	°C	45
Max. Rotation Angle Tolerance at 23°C, CWL	°C	±1
Min. Extinction Ratio	dB	20
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type		PM Panda Fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

\*Above specifications are for device without connector.

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

### Package Dimensions



### Ordering Information

**PMFM-** ①①-②-③-④

①①: Wavelength

31 - 1310nm  
48 - 1480nm  
55 - 1550nm  
SS - Specify

③: Fiber Jacket

B - 250um Fiber  
D - 400um Fiber  
L - 900um Loose Tube  
S - Specify

②: Connector Type

1 - FC/UPC  
2 - FC/APC  
3 - SC/UPC  
4 - SC/APC  
N - None  
S - Specify

④: Fiber Length

0.8 - 0.8m  
S - Specify