



## 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

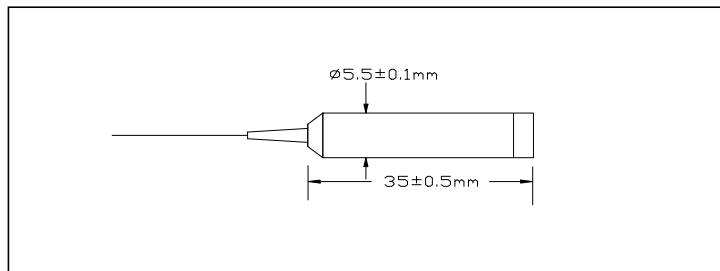
Parameters	Unit	Values
Center Wavelength	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	±30
Typ. Insertion Loss	dB	0.4
Max. Insertion Loss	dB	0.6
Faraday Rotation Angle (Single Pass)	deg	45
Max. Rotation Angle Tolerance at 23°C, CWL	deg	±1
Min. Extinction Ratio	dB	20
Max. Optical Power (CW)	mW	500
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, ER will be 2dB lower.

\*The material must be RoHS compliant.

### Package Dimensions



### Ordering Information

**PMFM-** ①①-②-③-④-⑤-⑥⑥-⑦⑦

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

S - Specify

④: Fiber Jacket

B - 250um Bare Fiber

C - 900um Loose Tube(Red)

D - 900um Loose Tube(Blue )

E - 900um Loose Tube(Black )

S - Specify

⑥⑥: Fiber Type

01A - PM1550 Fiber

03A - PM1300 Fiber

⑦⑦: Package Type

01 - Ø5.5x35

②: Handling Power

0.5 - 500mW

S - Specify

⑤: Fiber Length

0.8 - 0.8 m

S - Specify

③: Connector Type

1A - FC/UPC

2A - FC/APC

3A - SC/UPC

4A - SC/APC

N - None