

1310/1480/1550nm Polarization Maintaining Faraday Mirror

Feature

Low Insertion Loss
High Return Loss
High Power Capability

Application

Fiber Optic Instruments
Fiber Sensors
Fiber Lasers
Coherent Detecting
Research

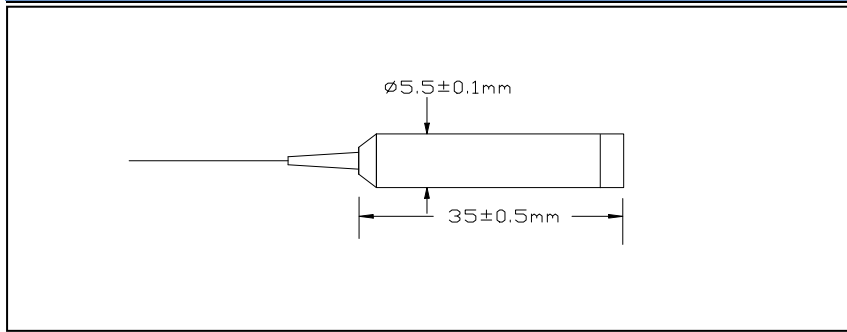
Specification

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)	°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

IPMFM- 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