



Mini Polarization Maintaining Faraday Mirror

Features

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- Excellent Environment Stability
- High Power Capability
- Small Package

Applications

- Fiber Optic Instruments
- Fiber Sensors
- Fiber Lasers
- Coherent Detecting
- Research

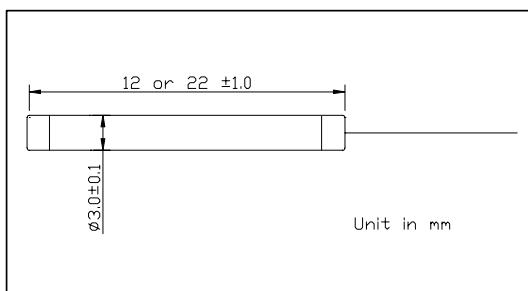
Specifications

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)	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 and ER will be 2dB lower.

Package Dimensions



Ordering Information

MPMFM- ①①-②-③-④-⑤

①①: Wavelength

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

②: Package Length

- 1 - 12mm
- 2 - 22mm

③: Connector Type

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

④: Fiber Jacket

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

⑤: Fiber Length

- 0.8 - 0.8m
- S - Specify