

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

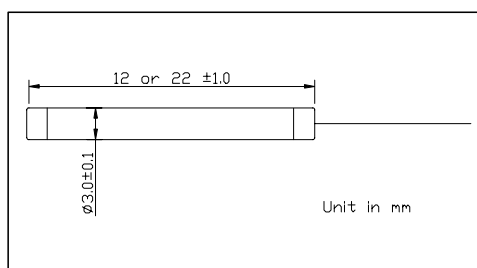
Specifications

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)	°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 and ER will be 2dB lower.

Package Dimensions



Ordering Information

AMPFM- 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