

## Mini Fiber Faraday Mirror

### Features

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

### Applications

Fiber Optic Instruments  
 Fiber Sensors  
 Fiber Lasers  
 Coherent Detecting  
 Research

### Specifications

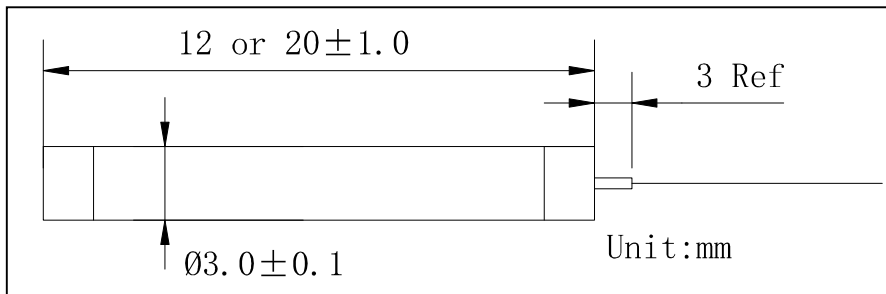
Parameters	Unit	Values
Center Wavelength ( $\lambda_c$ )	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	$\pm 15$
Typ. Insertion Loss	dB	0.4
Max. Insertion Loss	dB	0.6
Faraday Rotation Angle (Single Pass)	deg	45
Max. Rotation Angle Tolerance at 23°C, $\lambda_c$	deg	$\pm 1$
Min. Polarization Dependent Loss	dB	0.1
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type	--	Corning SMF-28e or Specify
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.

\*The material must be RoHS compliant.

### Package Dimensions



### Ordering Information

**MFM-** ①①-②-③-④-⑤-⑥⑥-⑦⑦

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

SS - Specify

②: Handling Power

0.5 - 500mW

S - Specify

③: Connector Type

1A - FC/UPC

2A - FC/APC (Step)

3D - SC/UPC

4D - SC/APC (Step)

N - None

④: Fiber Jacket

B - 250um Bare Fiber

F - 900um Loose Tube(White)

G - 900um Loose Tube(Yellow)

E - 900um Loose Tube(Black)

S - Specify

⑤: Fiber Length

0.8 - 0.8 m

S - Specify

⑥⑥: Fiber Type

02 - SMF-28e Fiber

⑦⑦: Package Type

102 -  $\varnothing 3.0 \times 12$

103 -  $\varnothing 3.0 \times 20$