

1920, 2000, 2070nm Faraday Mirror

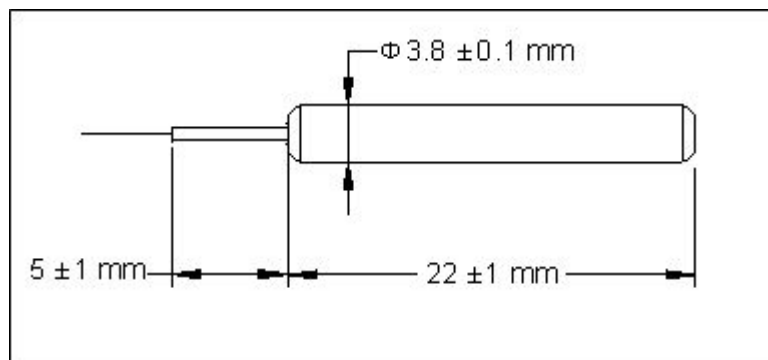
The Faraday Mirror is a passive device that provides 90 degree rotation regarding to the polarization state of the input light. The FM offers excellent performance including the lowest possible insertion loss and environmental stability. It is used in EDFAs, fiber lasers and fiber instruments to minimize the polarization effect.

Specification

Parameter	Unit	Value
Center Wavelength	nm	1920, 2000, 2070
Operating Wavelength Range	nm	±15
Typ. Insertion Loss	dB	0.6
Max. Insertion Loss	dB	0.9
Faraday Rotation Angle (Single Pass)	degree	45
Max. Rotation Angle Tolerance, λc, 23 °C	degree	± 2
Max.PDL	dB	0.1
Fiber Type		SMF-28 fiber or SM 1950 fiber
Max.Optical Power	mW	300
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

*IL is 0.5dB higher and RL is 5dB lower for each of connector added.

Package Dimensions



Ordering information

IFM-①①①①-②-③-④-

⑤

①①①①: Wavelength

1920 - 1920 nm

2000 - 2000 nm

2070 - 2070 nm

S - Specify

②: Fiber type

1 - SMF-28 fiber

2 - SM 1950

fiber

S - Specify

③: Connector
Type

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

④: Fiber Jacket

B - 250 μ m bare

L - 900 μ m loose

tube

S - Specify

⑤: Fiber
Length

S - Specify