

## 1064nm Faraday Mirror (FM Series)

The 1064nm Faraday Mirror is a passive device that provides 90 degree rotation without 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, DWDM systems, CATV systems, fiber laser and fiber instruments to minimize the polarization effect.

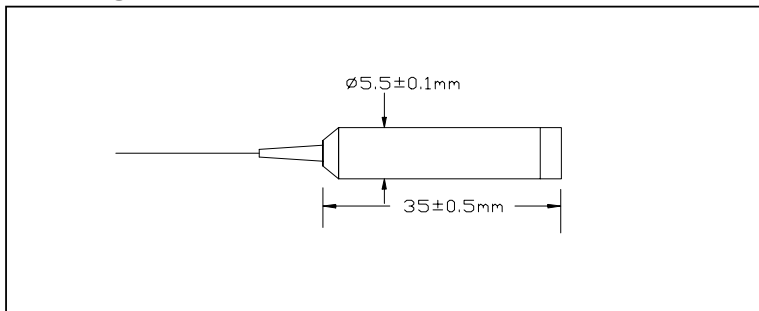
### Specifications

Parameters	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	±5
Max. Insertion Loss	dB	3
Faraday Rotation Angle (Single Pass)	degree	45
Max. Rotation Angle Tolerance, CWL at 23°	degree	±3
PDL	dB	0.05
PMD	ps	0.05
Max.Optical Power	mW	150
Fiber Type		HI 1060 Fiber or Specify
Max.Optical Power	mW	150
Max. Tensile Load	N	5
Operating Temperature	℃	-5 to +50
Storage Temperature	℃	-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.

### Package Dimensions



### Ordering Information

**FM-** ①①-②-③-④

①①: Wavelength

06-1064nm

SS - Specify

②: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

5 - LC/UPC

6 - ST/UPC

N - None

S - Specify

③: Fiber Type

B - 250 um bare fiber

L - 900 um loose tube

T - 900 um tight buffer

C - 3mm cable

④: Fibre Length

1 - 1.0 m

S - Specify