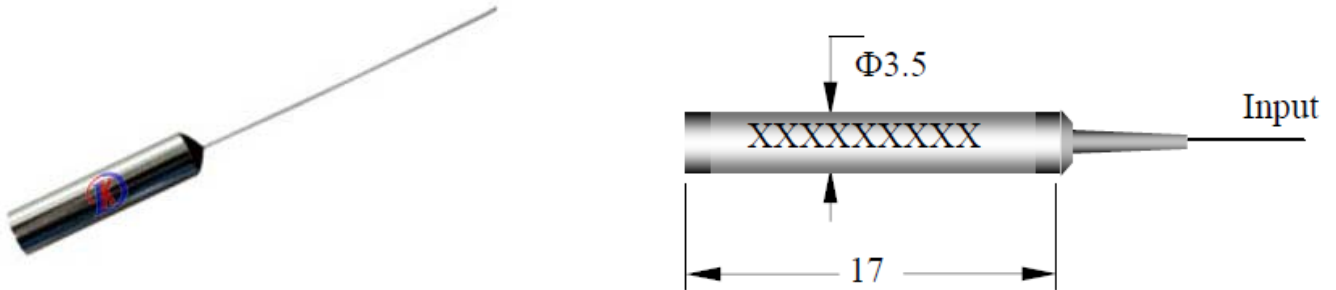




1064nm Faraday Mirror

The 1064 nm Faraday Mirror is a passive device that provides 90 degree rotation regarding to the polarization state of the input light. The Faraday Mirror 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.



Features

- ◆ High isolation
- ◆ Low insertion loss
- ◆ Excellent stability and reliability
- ◆ High power handling

Applications

- ◆ Fiber laser
- ◆ Fiber amplifier

Performance Specifications

Parameter	Faraday Mirror
Operating Wavelength(nm)	1064
Bandwidth (nm)	±5
Typ. Insertion Loss(dB)@23 °C	2.6
Insertion Loss(dB)	≤3.0
Rotation Angle(degree)	45±3
Fiber Type	HI1060 Fiber
Optical Power (CW) (mW)	≤200
Operating temperature(°C)	-5~+70
Storage temperature(°C)	-40~+85
Dimension (mm)	Φ5.5×L17

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.5dB higher, RL will be 5dB lower.

Order information

FM-①①-②-③-④④-⑤⑤-⑥⑥

①①	②	③	④④	⑤⑤	⑥⑥
wavelength	Package	Fiber Type	Fiber Diameter	Fiber Length	Connector
64:1064nm XX: Others	1: Φ5.5×L17 X:Others	1: HI1060 Fiber X:Others	25:250um 90:900um XX: Others	08:0.8m 10:1.0m XX: Others	00:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC LP: LC/PC LA: LC/APC XX: Others