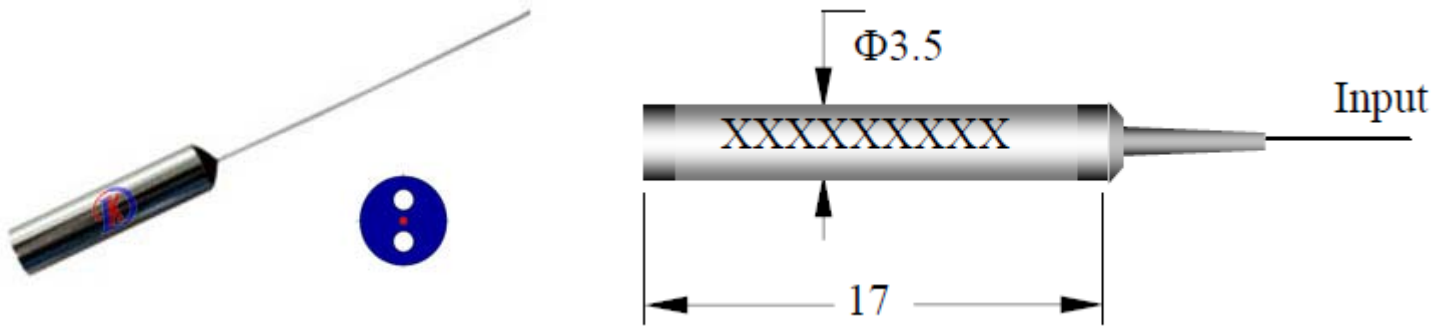




Polarization Maintaining Faraday Rotator Mirror 1310&1480&1550nm

The Polarization Maintaining Faraday Rotator Mirror are characterized with low IL, high return loss, high extinction ratio and excellent environmental stability and reliability. They are ideal for polarization maintaining fiber amplifiers, fiber lasers, high speed communication system and instrumentation applications.

The products are Telcordia qualification tested.



Features

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

Applications

- ◆ Fiber laser
- ◆ Fiber amplifier
- ◆ Sensor
- ◆ Polarization maintaining optical system

Performance Specifications

Parameter	Faraday Rotator Mirror
Operating Wavelength(nm)	1310,1480,1550
Bandwidth (nm)	±15
Typ. Insertion Loss(dB)@23°C	0.35
Insertion Loss(dB)	≤0.6
Extinction Ratio (dB)	≥20
Rotation Angle(degree)	45±1
Fiber Type	PM Panda Fiber
Optical Power (CW) (mW)	≤200
Operating temperature(°C)	-5~+70
Storage temperature(°C)	-40~+85
Dimension (mm)	Φ3.5×L17

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

Order information

①①	②	③	④④	⑤⑤	⑥⑥
wavelength	Package	Fiber Type	Fiber Diameter	Fiber Length	Connector
13:1310nm 14:1480nm 15:1550nm XX: Others	1: Φ3.5×L17 X:Others	1: PM980 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