

# 0106 Reflecting Mirror

FRM2100-P



## 2000 nm Fiber Faraday Rotator Mirror, PM

The FRM2100-P has very low insertion loss, high return loss and high stability & reliability. It can be used for fiber lasers, fiber sensor, fiber optic instruments and coherent detecting.

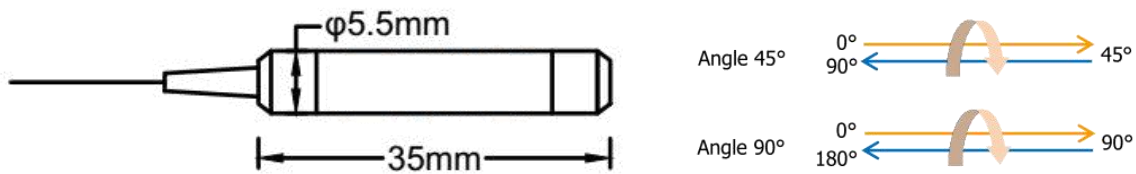
### FEATURES

- High Return Loss
- Low Insertion Loss
- High Stability & Reliability

### USE IN

- Fiber Optic Instruments
- Coherent Detecting
- Fiber Sensor
- Fiber Lasers

### MECHANICAL DRAWING



Center Wavelength	2000 nm
Operating Wavelength Width	$\pm 15$ nm
Insertion Loss	1.2 dB max.
Extinction Ratio	18 dB min.
Polarization Mode Dispersion	0.05 ps max.
Power Handling	300 mW max.
Axis Alignment	Both Axis Working
Tensile Load	5 N max.
Fiber Type	PM Fiber
Operating Temperature	+5°C to +70°C
Storage Temperature	-40°C to +85°C

\* With connectors, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.  
**1) Connector FC/APC, 900  $\mu\text{m}$ , 1 m by default for all devices except for high power devices.**  
**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**