

0106 Faraday Rotator/ Mirror



FRM1300-S

1550 nm SM Optical Fiber Faraday Mirror

The FRM1300-S 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.

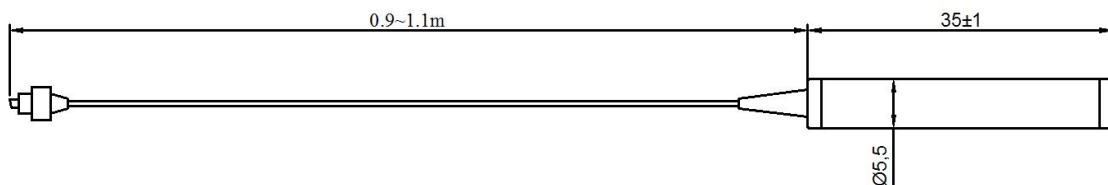
FEATURES

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

USE IN

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

MECHANICAL DRAWING



Operating Work Wavelength	1310/1550±15 nm
Insertion Loss	1.0 dB max.
Double Faraday Angle@23 °C	90±1@1550/1310 nm
Angle Temperature Sensitivity	0.13 ° /°C
Polarization Dependent Loss	0.1 dB max.
Polarization Mode Dispersion	0.1 ps max.
Return Loss	45 dB min.
Power Handling	300 mW max.
Operating Temperature	+5°C to +70°C
Storage Temperature	-40°C to +85°C
Fiber Type	G657A1 with 900 um Loose Tube
Fiber Length	0.9 m to 1.1 m
Connect Type	FC/APC
Package size	5.5x5.5x35 mm