

0402 1550 nm Devices

FRM1300-S



1550 nm SM Optical Fiber Faraday Mirror

The faraday mirror 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.

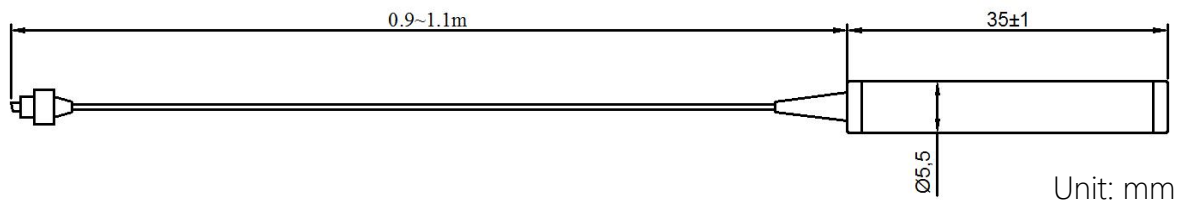
FEATURES

- 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	90±1 @ 1550 nm/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
Package size	5.5x5.5x35 mm

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 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.