

0106 Reflecting Mirror

FRM1000-S



780 nm Fiber Faraday Rotator Mirror, SM

The FRM1000-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.

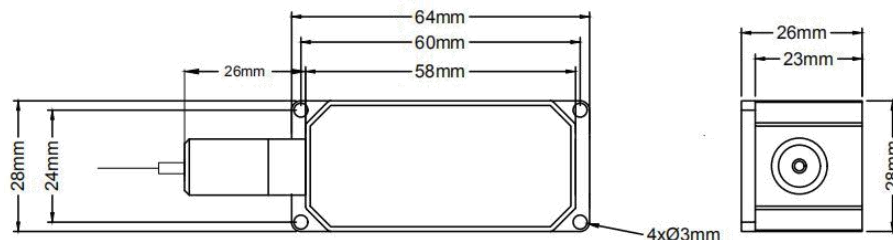
FEATURES

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

USE IN

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

MECHANICAL DRAWING



Center Wavelength	780 nm
Operating Wavelength Width	±5 nm
Insertion Loss	1.0 dB max.
Faraday Rotation Angle for CWL	45/90 deg
Rotation Angle Tolerance at 23 °C for CWL	±3 deg max.
Polarization Dependent Loss at 23 °C	0.15 dB max.
Polarization Mode Dispersion	0.05 ps max.
Power Handling	0.5 W, 1 W, 5 W, 10 W, 20 W max. or Specified
Peak Power for ns Pulse	10 kW max. or Specified
Dimension	64x28x26 mm
Tensile Load	5 N max.
Axis Alignment	Both Axis Working
Operating Temperature	+5°C to +70°C
Storage Temperature	-40°C to +85°C

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.