

FR-PM



Faraday Rotator, Polarization Maintaining

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

Features

- Low Insertion Loss
- High Return Loss
- Excellent Reliability
- Long Term Stability
- High Extinction Ratio

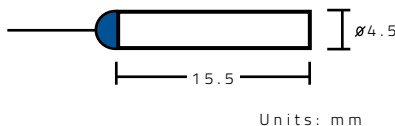
Applications

- Communication Systems
- Fiber Optic Instrumentations
- Fiber Sensor
- Fiber Lasers
- Research and Development

OPTIONS

FR-PM-xxxx-yy
 xxxx 1310 nm
 1550 nm
 yy FC/APC
 None Other

Dimension



Specifications	
Center Wavelength	1310 nm or 1550 nm
Operating Wavelength Range	± 15 nm from center
Insertion Loss	0.6 dB max. (bare fiber)
Faraday Rotation Rate for CWL	45 deg
Max.Rotation Angle Tolerance at	± 3 deg
Extinction Ratio	20 dB min.
Polarization Mode Dispersion	0.05 ps max.
Power Handling	500 mW.
Fiber Type	PM Panda Fiber, 0.5 nm (min.)
Max.Tensile Load	5N
Operating Temperature	-5 to +70 °C
Storage Temperature	-40 to +85 °C
Connectors Type	FC/APC, or others

WEB ORDER

To order, please click below.



For technical info and support:

sales@optilab.com