

Polarization Maintaining Faraday Rotator Mirror

Product Features

- Low Insertion Loss
- Compact Size
- Environmental Stability

Product Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensors
- Research



Specifications

Parameter	Unit	Value
Operating wavelength	nm	1310, or 1550
Insertion loss	dB	≤0.6
Faraday Rotation Angle (single pass)	degree	45
Max. Rotation Angle Tolerance, λ_c , 23 C	degree	± 1
Min. Extinction Ratio	dB	≥22
Fiber Type	ps	PM1310 or PM1550
Max. Optical Power (cw)	mW	≤500
Operating temperature	°C	-5 ~ +70
Storage temperature	°C	-40~ +85
Package dimensions	mm	Φ5.5×L35

* Above specifications are for devices without connectors

Ordering Information

PMFRM	Wavelength	Pigtail Type	Fiber Length	Connector	Size
	1310nm 1550nm Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify	Φ5.5x35 mm