

2000nm Faraday Mirror(2μm, PM)

Features

Low Insertion Loss
High Return Loss
High Reliability
High Stability

Applications

Fiber Optic Instruments
Fiber Sensors
Fiber Lasers
Coherent Detecting

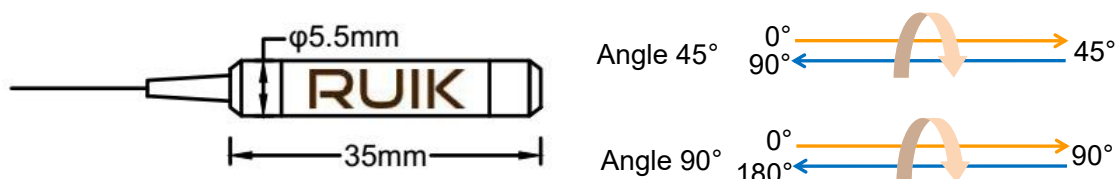
Specifications

Parameters	Unit	Value
Center Wavelength	nm	1950, 2000, 2050
Operating Wavelength Width	nm	±15
Max. Insertion Loss	dB	0.9(Typ.06)
Faraday Rotation Angle for CWL	deg	45
Max. Rotation Angle Tolerance at 23 °C for CWL	deg	±3
Min. Extinction Ratio at 23 °C	dB	20
Max. Polarization Mode Dispersion	ps	0.05
Max. Power Handling	mW	500
Max. Tensile Load	N	5
Operating Temperature	°C	-5~+70
Storage Temperature	°C	-40~+85

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.

The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

PMFRM-1111-2-333-456-7

1111	-Center Wavelength:	2000=2000nm, 1950=1950nm
2	-Rotating Angle:	1=45°, 2=90°
333	-Fiber Type:	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
4	-Package Dimension:	0=φ5.5x35mm, S=Specified
5	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
6	-Fiber Length:	0=0.8m, 1=1m
7	-Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC, N=None