

## In Line Faraday Rotator

### Features

Low IL & High RL  
High Reliability

### Application

Fiber Laser  
Fiber Optical Instrument  
Fiber Sensor  
Coherent Detecting

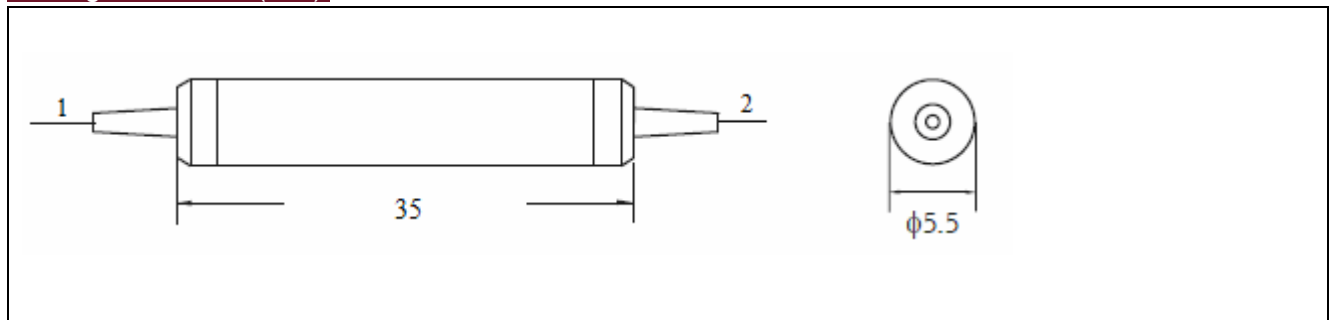


### Performance Specifications:

Parameter	Value
Operating wavelength(nm)	1310, 1550,
Bandwidth(nm)	±20
Typ Insertion Loss (dB)	0.3
Insertion Loss (dB)	≤0.5
Rotation Angle at 23°C, λc ( )	45±1
Extinction Ratio (dB) Slow Axis of Port 1 is aligned to Slow Axis of Port 2, for PM-PM Type, at 23°C)	≥20
Extinction Ratio(dB) (Slow Axis of Port 2 is aligned to Fast Axis of Port 1, for PM-PM Type, at 23°C)	≥20
Return Loss(dB)	≥50
Optical Power (mW)	≤500
Fiber Type	PM 1550 Panda Fiber
Operating Temperature( )	-5 ~ +70
Fiber length(m)	0.8
Dimension(φ×L) (mm)	5.5x35

PM fiber and the connector key are aligned to the slow axis

### Package Dimension(mm):



## Ordering Information

### PMFR-A-B-C-D-E

A	Wavelength	1310=1310nm ;1480=1480nm;1550:1550nm;
B	Pigtail Type	250=250um bare fiber 900=900um loose tube
C	Fiber Type for port 1 & 2	1=SMF28e-SMF28e 55=PM 1550 Panda fiber – PM 1550 Panda fiber
D	Length	0.8=0.8m; 1=1m;x: others
E	Connector	N=W/O Connector FC=FC/UPC; FA=FC/APC SC=SC/UPC; SA=SC/APC