



# PM Fiber Faraday Mirror



## Features

- High Isolation
- Low Insertion Loss
- High Return Loss
- Low Polarization Sensitivity
- Optical Path Epoxy Free

## Applications

- Fiberoptic Amplifiers
- CATV Fiberoptic Links
- Fiberoptic Systems Testing
- Fiberoptic LAN Systems
- Telecommunications

## Performance Specifications

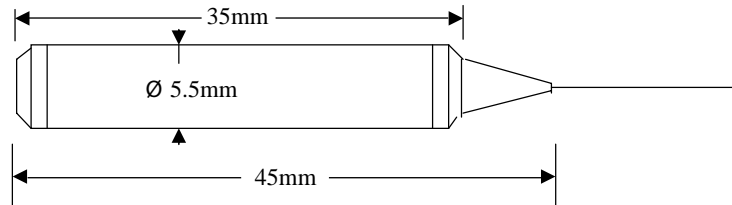
Parameter	Specification
Center Wavelength(nm)	1310, 1480 or 1550
Min. Bandwidth(nm)	30
Typical Insertion Loss (dB)	0.4
Max. Insertion Loss (dB)	0.6
Faraday Rotation Angle at Center Wavelength (Single Pass) (deg)	45°
Rotation Angle Tolerance at Center Wavelength (deg)	±0.5°
Fiber Length (m)	See Ordering Information
Fiber Type	Panda PM fiber
Max. Optical Power (mW)	300
Max. Tensile Load (N)	5
Operating Temperature (°C)	-5 ~ +70
Storage Temperature (°C)	-40 ~ +85
Dimensions (mm)	φ5.5xL35 or φ4.5xL20 or φ3.0xL20

1. The PM fiber and the connector key are aligned to the slow axis.
2. The ER is for fiber <math>\leq 0.75</math> meter. Increase fiber length can decrease the ER.
3. For devices with connectors, insertion loss will be 0.3dB higher, return loss will be 5dB lower, and extinction loss will be 2dB lower.

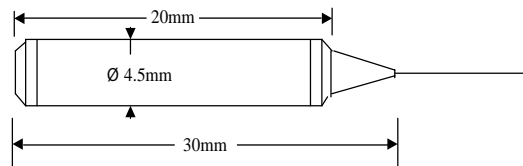
## Ordering Information

PMFRDMR	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Center Wavelength	Pigtail Style	Fiber Length	Connector	Dimensions
	13=1310nm 14=1480nm 15=1550nm	1=Bare Fiber 2=900um Jacket	1=1.0m S=Specify	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC	M=φ4.5xL20 N=φ3.0xL20 Leave Empty=φ5.5xL35

Standard Package Dimensions:



Mini Package (M) Dimensions:



Mini Package (N) Dimensions:

