



# 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 (SinglePass) (deg)	45°
Rotation Angle Tolerance at Center Wavelength (deg)	± 0.5°
Max. PDL (dB)	0.05
Max. PMD(ps)	0.05
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

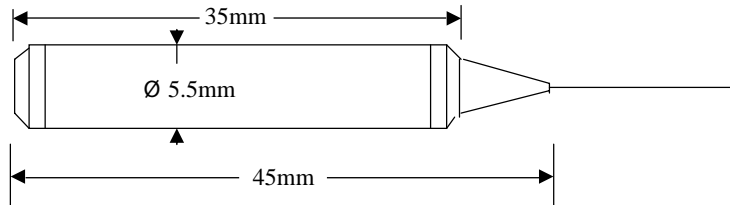
## Ordering Information

FRDMR	<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

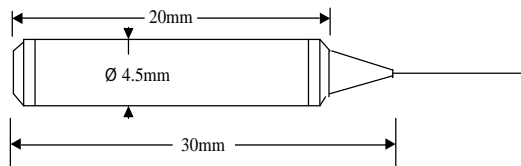
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Standard Package Dimensions:



Mini Package (M) Dimensions:



Mini Package (N) Dimensions:

