Faraday Rotator Mirrors

Product Description

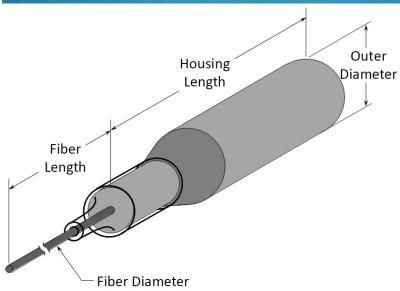
Our Faraday Rotator Mirrors offer engineers an inexpensive means of compensating for thermal or mechanical disturbances that affect the polarization of single-mode fiber, and ultimately the performance of many systems. These passive components eliminate polarization-induced fringe fading in interferometers and sensors, and can also optimize gain for EDFAs.

- ApplicationsMichelson Interferometer Sensor Systems
- Fiberoptic Sensing Applications
- Optical Amplifiers as EDFAs
- Field & Laboratory Applications
- Instrumentation
- Acoustic & Magnetic Sensing

Features

- Superior Performance and Reliability
- Low Insertion Loss
- High Reflectivity
- Many Fiber Choices Available





Specifications	Wavelengths	
Wavelengths *	1310nm	1550nm
Insertion Loss (typical)	< 0.5dB	
Rotation	90º + 2º	
Back Reflection	> 55dB	
Diameter (standard)	5.6mm *	
Length (standard)	25.7mm *	
Operating Temperature Range	0°C ~ + 70°C	
Storage Temperature Range	-20°C ~ + 70°C	
Maximum Power	300 mW	
* Other diameters and lengths available upon request.		