

# Faraday Mirror

## Description

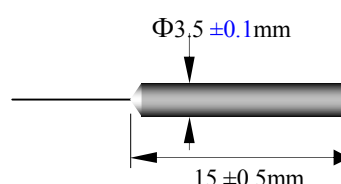
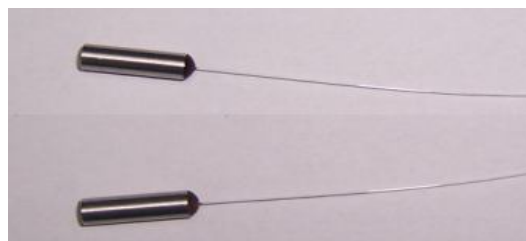
Faraday mirror is a passive device that enables the polarization of the input light rotate 90 degree. It is built by the proven thin-film filter technology and the collimator technology. It has excellent performances such as low insertion loss and high environmental stability.

## Key Features

- \* Compact size
- \* Low insertion loss

## Applications

- \* EDFA
- \* DWDM system
- \* Fiber sensors
- \* CATV system



## Specifications

Parameter	Values
Operating wavelength (nm)	1310 or 1550
Operating bandwidth (nm)	±15
Insertion loss (dB)	≤0.6
Max rotation angle tolerance (CWL,23℃) (degree)	90±2
PDL (dB)	≤0.05
PMD (ps)	≤0.05
Max power handling (mW)	500
Operating temperature(℃)	-5 ~ +70
Storage temperature(℃)	-40~ +85
Fiber type	SMF-28e
Package dimensions(mm)	Φ3.5×L15

\*The Above specifications is without connector.

## Ordering Information

FM-XXXX-X-X-XX/XXX-XX\*XX

- Package size: 3.5× 15
- Connector: FC/UPC, SC/APC etc.
- Fiber code: 000=SMF-28e, 999= others
- Pigtail type: 0=250μm, 1=900μm, 4= others
- Operating wavelength: 1310nm, 1550nm etc.