

# Faraday Mirror

## Features

Low Insertion Loss  
Environmental Stability

## Applications

Coherent Detecting  
DWDM Systems  
Fiber Sensors  
SOAs

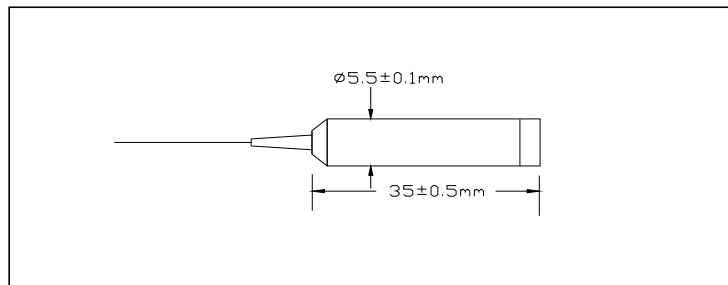
## Specifications

Parameters	Unit	Values
Center Wavelength ( $\lambda_c$ )	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	$\pm 15$
Typ. Insertion Loss	dB	0.4
Max. Insertion Loss	dB	0.6
Faraday Rotation Angle (Single Pass)	deg	45
Max. Rotation Angle Tolerance at 23°C, $\lambda_c$	deg	$\pm 1$
Max. PDL	dB	0.05
Max. PMD	ps	0.05
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type		SMF-28e Fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

## Package Dimensions



## Ordering Information

**FM-** ①①-②-③-④

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

SS - Specify

②: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

③: Fiber Jacket

B - 250um Bare Fiber

L - 900um Loose Tube

T - 900um Tight Buffer

C - 3mm Cable

S - Specify

④: Fiber Length

1 - 1.0m

S - Specify