



## Faraday Mirror

### Features

Low Insertion Loss  
Environmental Stability

### Applications

Coherent Detecting  
DWDM Systems  
Fiber Sensors  
SOAs

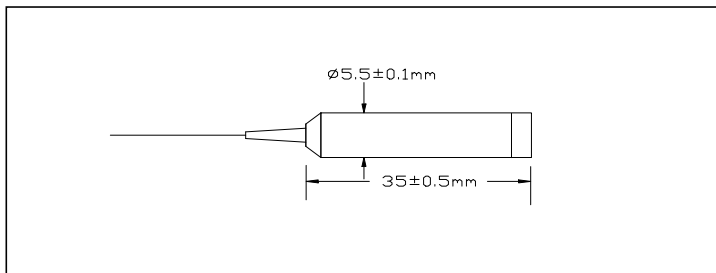
### Specifications

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.

\*The material must be RoHS compliant.



### Ordering Information

**FM-** ①①-②-③-④-⑤-⑥⑥-⑦⑦

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

SS - Specify

④: Fiber Jacket

B - 250um Bare Fiber

F - 900um Loose Tube(White)

G - 900um Loose Tube(Yellow)

E - 900um Loose Tube(Black)

S - Specify

⑥⑥: Fiber Type

02 - SMF-28e Fiber

⑦⑦: Package Type

01 - Ø5.5x35

②: Handling Power

0.5 - 500mW

S - Specify

⑤: Fiber Length

0.8 - 0.8 m

S - Specify

③: Connector Type

1A - FC/UPC

2A - FC/APC

3A - SC/UPC

4A - SC/APC

N - None