

# RC Fiber Faraday Mirror

## Features

- Low Insertion Loss
- Low PDL
- Environmental Stability

## Applications

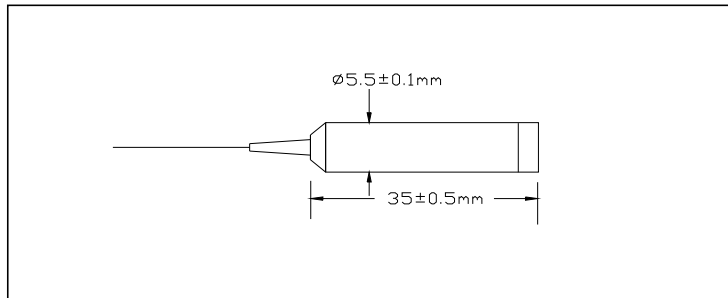
- Fiber Amplifiers
- DWDM Systems
- CATV Systems
- Fiber Laser and Fiber Instruments
- Fiber Sensors
- Compact Optical Circuits

## Specifications

Parameters	Unit	Values
Center Wavelength ( $\lambda_c$ )	nm	1550
Operating Wavelength Range	nm	$\pm 20$
Typ. Insertion Loss	dB	1.0
Max. Insertion Loss	dB	1.2
Faraday Rotation Angle (Single Pass)	$^\circ\text{C}$	45
Max. Rotation Angle Tolerance at 23 $^\circ\text{C}$ , $\lambda_c$	$^\circ\text{C}$	$\pm 1$
Max. PDL	dB	0.05
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Fiber Type		RC 1550 Fiber
Operating Temperature	$^\circ\text{C}$	-5 to +70
Storage Temperature	$^\circ\text{C}$	-40 to +85

\*Above specifications are for device without connector.

## Package Dimensions



## Ordering Information

**RCFM-** ①①-②-③-④

①①: Wavelength

55 - 1550nm

SS - Specify

②: Connector Type

N - None

③: Fiber Jacket

B - 170um Bare Fiber

L - 900um Loose Tube

S - Specify

④: Fiber Length

1 - 1.0m

S - Specify