

## 1064 nm Faraday Mirror (DL-FM-WW-X-Y-Z)

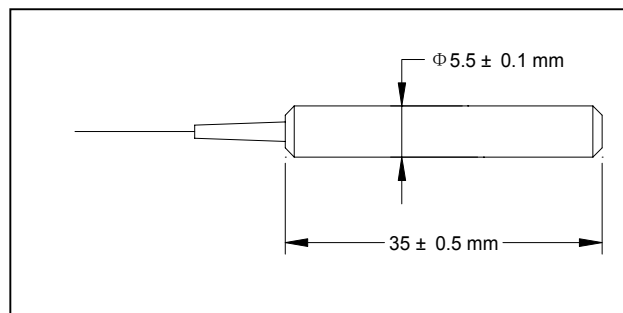
The 1064 nm Faraday Mirror is a device that provides 90 degree rotation regarding to the polarization state of the input light. It provides lowest possible insertion loss and enviromental stability. It is used in EDFAs, fiber lasers and fiber instruments to minimize the polarization effect.

### A. Specifications

Parameter	Value	Unit
Center Wavelength ( $\lambda_c$ )	1064	nm
Operating Wavelength Range	$\lambda_c \pm 5$	nm
Max. Insertion Loss	3.0	dB
Faraday Rotation Angle (single pass)	45	degree
Max. Rotation Angle Tolerance, $\lambda_c$ , 23 °C	$\pm 3$	degree
Max. Polarization Dependent Loss	0.05	dB
Max. Polarization Mode Dispersion	0.05	ps
Max. Optical Power (Continuous Wave)	150	mW
Operating Temperature	-5 to +50	°C
Storage Temperature	-40 to +85	°C

\*IL is 0.5 dB higher and RL is 5 dB lower for each connector added.

### B. Package Dimensions



### C. Ordering Information

#### DL-FM-WW-X-Y-Z

WW: Wavelength	X: Connector Type	Y: Fiber Type (HI 1060/Specify)	Z: Fiber Length
06 - 1064 nm	1 - FC/UPC	B - 250 $\mu$ m bare fiber	1 - 1.0 m
SS - Specify	2 - FC/APC	L - 900 $\mu$ m loose tube	S - Specify
	3 - SC/UPC	S - Specify	
	4 - SC/APC		
	N - None		
	S - Specify		