

1064 nm Polarization Maintaining Faraday Mirror (DL-PMFM-WW-X-Y-Z)

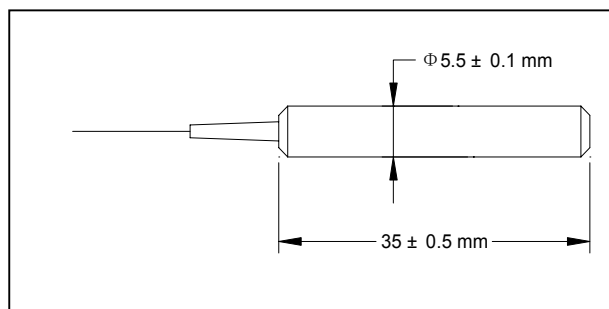
The 1064 nm Polarization Maintaining Faraday Mirror provides 90 degree rotation regarding to the polarization state of the input light. It provides the lowest possible insertion loss and environmental stability. It is used in amplifiers, fiber lasers and fiber instruments to minimize the polarization effect.

A. Specifications

Parameter	Value	Unit
Center Wavelength (λ_c)	1064 or specify	nm
Operating Wavelength Range	$\lambda_c \pm 5$	nm
Max. Insertion Loss	3.2	dB
Faraday Rotation Angle (single pass)	45	degree
Max. Rotation Angle Tolerance, λ_c , 23 °C	± 3	degree
Min. Extinction Ratio	20	dB
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, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

B. Package Dimensions



C. Ordering Information

DL-PMFM-WW-X-Y-Z

WW: Wavelength	X: Connector Type	Y: Fiber Type (PM 980)	Z: Fiber Length
06 - 1064 nm	1 - FC/UPC	B - 250 μ m Panda fiber	Q - 0.75 m
SS - Specify	2 - FC/APC	L - 900 μ m loose tube	S - Specify
	3 - SC/UPC	S - Specify	
	4 - SC/APC		
	N - None		