

## Faraday Rotator Mirror

Model #: FM

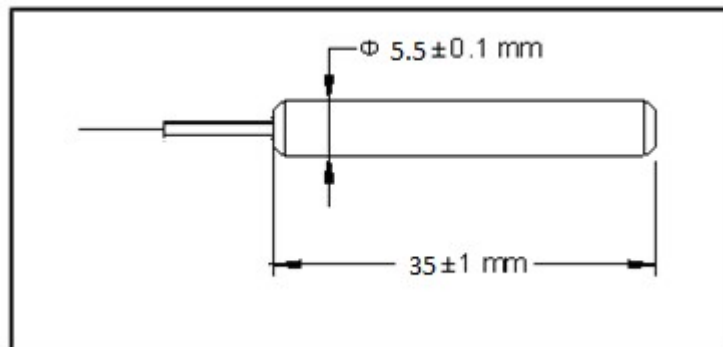
Description: Faraday Rotator Mirror

Application: Fiber amplifier, fiber laser, fiber sensor etc.

### Specifications:

Parameter	Unit	Specifications	
Wavelength Range	nm	1064 ± 5	1310, 1480, 1550 ± 15
Maximum Insertion Loss	dB	3.0	0.6
Typ. Insertion Loss	dB	2.8	0.4
Rotation Angle (single pass at 23°C, central wavelength)	Deg.	45 ± 3	45 ± 3
Max. Polarization Dependent Loss	dB	0.1	
Max. Polarization Mode Dispersion	ps	0.05	
Max. Optical Power (CW)	mW	500	
Fiber Type		HI 1060	SMF-28
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to + 85	
Dimension	mm	5.5 (D) x 35 (L)	

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL.



### Ordering Information:

#### Faraday Mirror FM-AA-B-C-D-E

AA: wavelength	B: connector type	C: fiber jacket	D: fiber type	E: fiber length
06 – 1064 nm	1 - FC/UPC	B - 250µm Panda fiber	1 – SMF-28	1-1.0 m
31 – 1310 nm	2 - FC/APC	L - 900 µm loss tube	2 – Hi-1060	X-other
48 – 1480 nm	3 - SC/UPC		X-other	
55 – 1550 nm	4 - SC/APC			
XX - other	N - none			
	X - other			