HJ OPTRONICS

4055 Filan Way
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United States

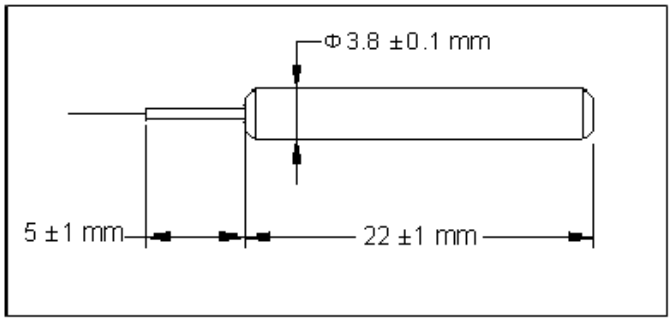
1064 nm Polarization Maintaining Faraday Rotator Mirror

Model #: PMFR
Description: 1064 nm Polarization Maintaining Faraday Rotator Mirror
Application: Fiber laser, fiber amplifier, fiber sensor etc.

Specifications:

Parameter	Unit	Specifications
Wavelength Range	nm	1064 +/- 5
Maximum Insertion Loss	dB	3.0
Typ. Insertion Loss	dB	2.8
Rotation Angle (single pass) at λ_c, 23°C	Deg.	45 ± 3
Mi. Polarization Extinction Ratio	dB	20
Min. Return Loss	dB	50
Max. Optical Power (CW)	mW	150
Dimension	mm	3.8 (D) x 22 (L)
Fiber Type		PM 980 Panda fiber
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +50
Storage Temperature	°C	-40 to + 85

Note: each connector may contribute extra 0.5 dB IL, 5 dB lower RL and 2 dB lower ER. Keying to slow axis.



Ordering Information:

Beam Combiner **PMFR**-AA-B-C-D-E

AA: wavelength	B: connector type	C: fiber jacket	G: fiber length
06 – 1064 nm	1 - FC/UPC	B - 250µm Panda fiber	Q-0.75m
XX - other	2 - FC/APC	L - 900 µm loss tube	X-other
	3 - SC/UPC		
	4 - SC/APC		
	N - none		
	X - other		