

Polarization Maintaining Faraday Rotator Mirror

Model #: PMFR

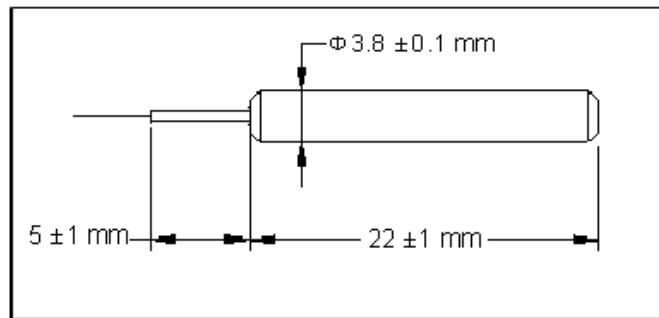
Description: Polarization Maintaining Faraday Rotator Mirror

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

Specifications:

Parameter	Unit	Specifications
Wavelength Range	nm	1550, 1480 or 1310 +/- 15
Maximum Insertion Loss	dB	0.6
Typ. Insertion Loss	dB	0.4
Rotation Angle (single pass) at λ_c , 23°C	Deg.	45 ± 1
Min. Return Loss	dB	50
Mi. Polarization Extinction Ratio	dB	20
Max. Optical Power (CW)	mW	500
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 80
Dimension	mm	3.8 (D) x 22 (L)
Fiber Type		PM Panda fiber

Note: each connector may contribute extra 0.3 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
31 - 1310	1 - FC/UPC	B - 250µm Panda fiber	Q-0.75m
48 - 1480	2 - FC/APC	L - 900 µm loss tube	X-other
55 - 1550	3 - SC/UPC		
XX - other	4 - SC/APC		
	N - none		
	X - other		