

Faraday Rotator Mirror at 2000 nm

Model #: FM

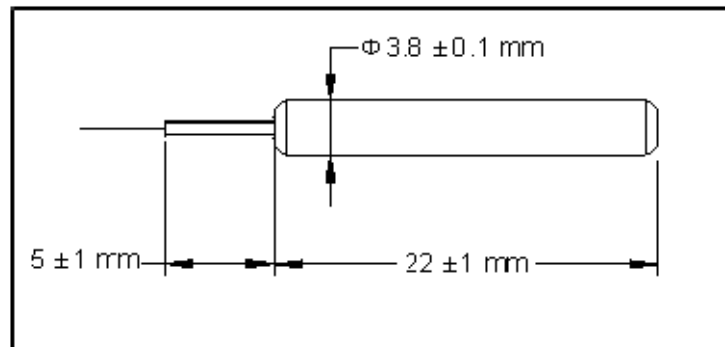
Description: Faraday Rotator Mirror at 2000 nm

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

Specifications:

Parameter	Unit	Specifications
Wavelength Range	nm	1920, 2000, 2070 ± 15
Maximum Insertion Loss	dB	0.9
Typ. Insertion Loss	dB	0.6
Rotation Angle (single pass)	Deg.	45 ± 2
Max. Polarization Dependent Loss	dB	0.1
Max. Optical Power (CW)	mW	300
Fiber Type		SMF-28 or SM 1950 fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 85
Dimension (mm)		3.8 (D) x 22 (L)

Note: each connector may contribute extra 0.5 dB IL, 5 dB lower RL.



Ordering Information:

Faraday Mirror FM-AAAA-B-C-D-E

AAAA: wavelength	B: fiber type	C: connector type	D: fiber jacket	E: fiber length
1920 – 1920 nm	1 – SMF-28 fiber	1 - FC/UPC	B - 250µm bare fiber	1 – 1.0 m
2000 – 2000 nm	2 – SM 1950 fiber	2 - FC/APC	L - 900 µm loss tube	X - other
2070 – 2070 nm	X - other	3 - SC/UPC	X - other	
XXXX - other		4 - SC/APC		
		N - none		
		X - other		