

## Polarization Maintaining Fiber Circulator at 2000 nm

Model #: PM CIR

Description: 3-port Polarization Maintaining Fiber Circulator at 2000 nm

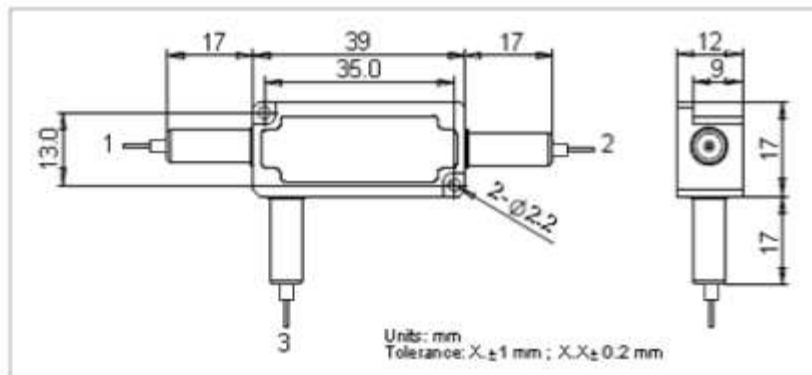
Application: Fiber amplifier, fiber laser, fiber sensor, WDM module and systems

Specifications:

Parameter	Unit	Specifications
Central Wavelength	nm	1950 or 2000
Max. Insertion Loss, 23°C, $\lambda_c \pm 50$ nm	dB	1.6
Min. Isolation, 23°C, all polarization status	dB	25
Min. Isolation, 23°C, $\lambda_c \pm 50$ nm, all polarization status	dB	14
Min. Crosstalk	dB	40
Min. Return Loss	dB	45
Min. Extinction Ratio	dB	18
Max. Optical Power (CW)	W	0.3, 0.5, 1, 2, or 5
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Fiber Type		Nufern PM1950
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Dimension	mm	12 x 17 x 39
Fiber Type		Optional

Note: Each connector may contribute extra 0.3 dB IL, 5 dB lower RL, 2 dB lower PER. Keying to slow axis. The optical power is 1W only if connector added

### Package Dimensions



### Ordering Information: PM CIR-AAAA-BB-C-D-E-F

AAAA: wavelength	BB: power handling	C: connector type	D: fiber jacket	E: fiber length	F – Fast axis blocked	H: power type
2000 – 2000 nm	03 – 0.3 W	1 – FC/UPC	B - 250 $\mu$ m bare fiber	Q - 0.75 m	F – fast axis blocked	P – Pulse input
1950 – 1950 nm	05 – 0.5 W	2 – FC/APC	L - 900 $\mu$ m loss tube	S-other		C - CW
XXXX - other	1 – 1 W	3 – SC/UPC	X - other			
	2 – 2 W	4 – SC/APC				
	5 – 5W	N – no connector				
	X - other	X - other				