

## Polarization Maintaining Fiber Circulator at 1064 nm

Model #: PMCIR

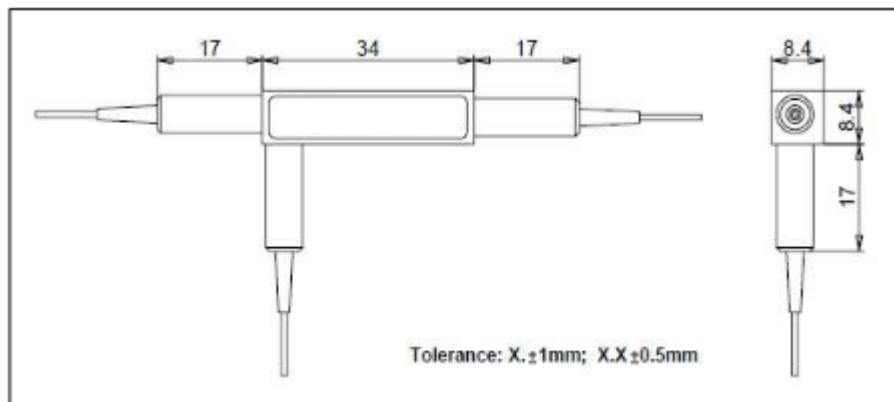
Description: 3-port Polarization Maintaining Fiber Circulator at 1064 nm

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

Specifications:

Parameter	Unit	Specifications	
		Type A	Type B
Central Wavelength	nm	1064	
Typ. Insertion Loss, $\lambda_c$ , 23°C	dB	3.4	1.8
Max. Insertion Loss, $\lambda_c$ , all temperature	dB	4.0	2.1
Typ.. Isolation, $\lambda_c$ , 23°C	dB	52	30
Min. Isolation, $\lambda_c$ , 23°C	dB	45	25
Min. Extinction Ratio		20	
Min. Crosstalk, $\lambda_c$ , 23°C,	dB	50	
Min. Return Loss	dB	50	
Minimum Directivity (1 → 3, 2 → 4)	dB	50	
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +50	
Storage Temperature	°C	-40 to +85	
Dimension	mm	34 x 8.4 x 8.4	
Fiber Type		PM 980 Panda fiber	

Note: Each connector may contribute extra 0.5 dB IL, 5 dB lower RL, 2 dB lower PER. Keying to slow axis.



### Ordering Information:

**PMCIR-AA-B-C-D-E**

AA: wavelength	B - Type	C: connector type	D: fiber jacket	E: fiber length
06 – 1064 nm	A – A type	1 – FC/UPC	B - 250µm bare fiber	Q - 0.75
XX - other	B – B type	2 – FC/APC	L - 900 µm loss tube	X-other
		3 – SC/UPC	X - other	
		4 – SC/APC		
		N – no connector		
		X - other		