



## 1064 nm Polarization Maintaining Optical Circulator (PM CIR Series)

Rev 11

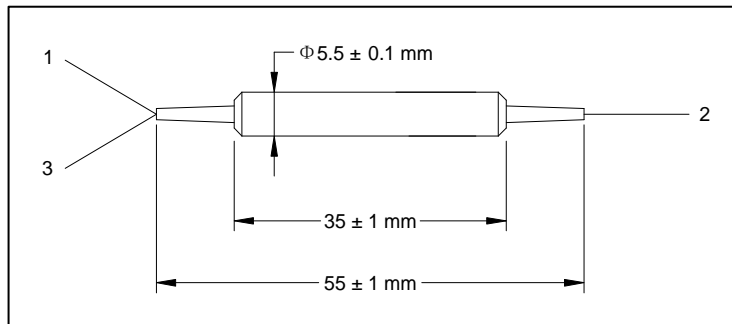
The 1064 nm Polarization Maintaining Optical Circulator is a compact, high performance lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3. This component provides high isolation, low insertion loss, high extinction ratio, and excellent environmental stability.

### Specifications

Parameter	Unit	Type A	Type B
Center Wavelength ( $\lambda_c$ )	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	dB	20	
Min. Crosstalk	dB	50	
Min. Return Loss	dB	50	
Max. Optical Power (Continuous Wave)	mW	300	
Fiber Type		PM 980 Panda fiber	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +50	
Storage Temperature	°C	-40 to +85	

\*IL is 0.5 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

### Package Dimensions



### Ordering Information

PM CIR-①①-②-③-④-⑤

①①: Wavelength

06 - 1064 nm

SS - Specify

②: Type

1 - Type A

2 - Type B

③: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

④: Fiber Jacket

B - 250  $\mu$ m Panda fiber

L - 900  $\mu$ m loose tube

S - Specify

⑤: Fiber Length

Q - 0.75 m

S - Specify