



1064 nm Polarization Maintaining Optical Circulator (PM CIR Series)

Rev 10

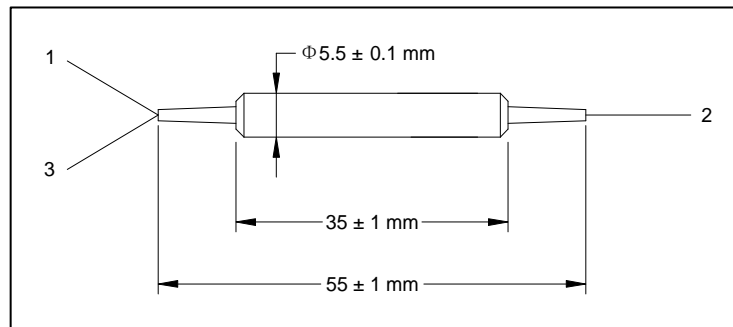
The 1064 nm Polarization Maintaining Optical Circulator is a compact, high performance lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3. This component provides high isolation, low insertion loss, high extinction ratio, and excellent environmental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

Specifications

Parameter	Unit	Type A	Type B
Center Wavelength (λ_c)	nm	1064	
Typ. Insertion Loss, λ_c , 23 °C	dB	3.4	1.8
Max. Insertion Loss, λ_c , all temperature	dB	4.0	2.1
Typ. Isolation, λ_c , 23 °C	dB	52	30
Min. Isolation, λ_c , 23 °C	dB	45	22
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 or specify	
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	②: Type	③: Connector Type	④: Fiber Jacket	⑤: Fiber Length
06 - 1064 nm	1 - Type A	1 - FC/UPC	B - 250 μ m Panda fiber	Q - 0.75 m
SS - Specify	2 - Type B	2 - FC/APC	L - 900 μ m loose tube	S - Specify
		3 - SC/UPC	S - Specify	
		4 - SC/APC		
		N - None		