

1060, 1310, 1550nm Polarization Maintaining Optical Circulator

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

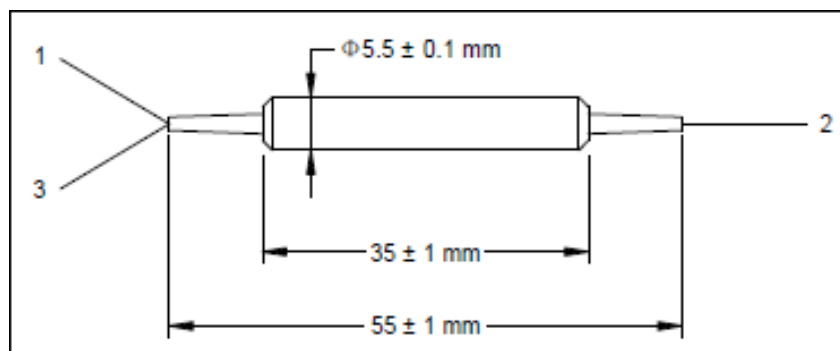
Specifications

Parameters	Unit	Type A	Type B
Center Wavelength (λ_c)	nm	1310 or 1550	
Operating Wavelength Range	nm	$\lambda_c \pm 30$	$\lambda_c \pm 20$
Typ. Insertion Loss, λ_c , 23°C	dB	0.7	0.6
Max. Insertion Loss	dB	0.9	0.8
Typ. Peak Isolation	dB	52	40
Typ. Isolation, λ_c , 23°C	dB	46	30
Min. Isolation, 23°C	dB	40	20
Min. Extinction Ratio	dB	22	20
Min. Crosstalk	dB	50	
Min. Return Loss	dB	50	
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added.

*The 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
31 - 1310nm	1 - Type A	1 - FC/UPC	B - 250 μ m Panda fiber	Q - 0.75 m
55 - 1550nm	2 - Type B	2 - FC/APC	L - 900 μ m loose tube	S - Specify
SS - Specify		3 - SC/UPC	S - Specify	
		4 - SC/APC		
		N - None		