



Polarization Maintaining Optical Circulator (PM CIR Series)

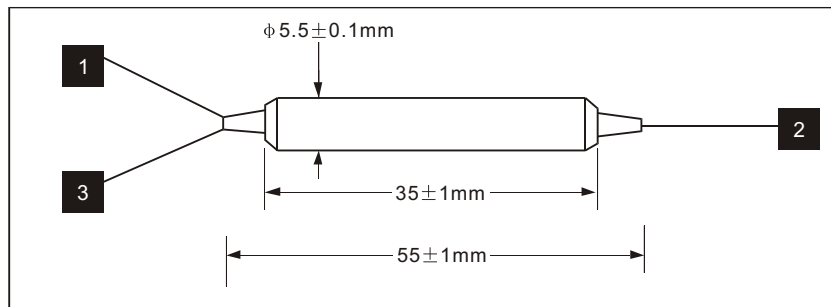
The Polarization Maintaining Optical Circulator is a compact high performance lightwave component that transmits the incoming signal from port 1 to port 2, while transmitting another incoming signal from port 2 to port 3. The component provides high isolation, low insertion loss, high extinction ratio, and excellent environment stability.

Specifications			
Parameters	Unit	Type A	Type B
Center Wavelength	nm	1310 or 1550	
Operating Wavelength Range	nm	±30	±20
Typ. Insertion Loss	dB	0.7	0.6
Max. Insertion Loss	dB	0.9	0.8
Peak Isolation	dB	52	40
Typ. Isolation	dB	46	30
Min. Isolation	dB	40	20
Min. Extinction Ratio	dB	22	20
Min. Cross Talk	dB	50	
Min. Return Loss	dB	55	
Max. Optical Power	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*Above specifications are for device without connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

Package Dimensions



Ordering Information

PM CIR-①①-②-③-④-⑤

①①: Wavelength
31 - 1310nm
55 - 1550nm
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 Type
B- 250um Panda Fiber
D- 400um Panda Fiber
L- 900um loose tube Panda Fiber
S - Specify

⑤: Fiber Length
Q - 0.75m
S - Specify

Remark: The PM fiber and the key are aligned to the slow axis