



Polarization Maintaining Optical Circulator

Features

- Low Insertion Loss
- High Return Loss

Applications

- Fiber Optic Instruments
- Fiber Sensors
- Coherent Detecting
- Research

Specifications

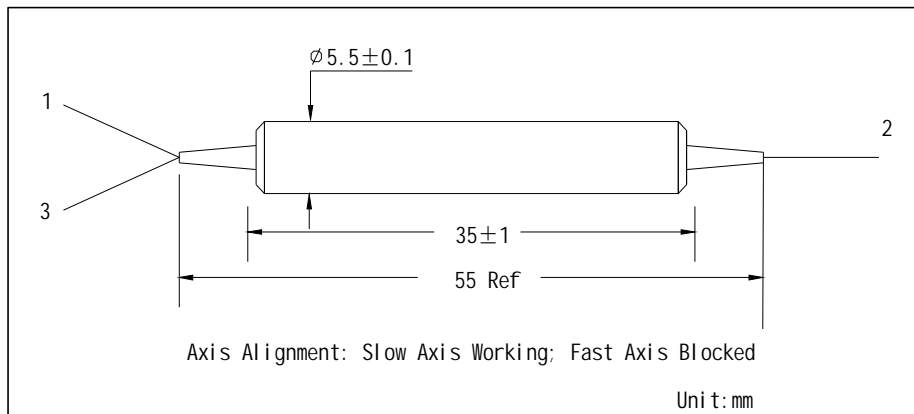
Parameter	Unit	Values	
		Type A	Type B
Type			
Center Wavelength	nm	1310 or 1550	
Operating Wavelength Range	nm	±30	±20
Min. Isolation, 23°C (3→2,2→1)	dB	40	20
Typ. Isolation (3→2,2→1)	dB	46	30
Typ. Peak Isolation (3→2,2→1)	dB	52	40
Typ. Insertion Loss (1→2,2→3)	dB	0.7	0.6
Max. Insertion Loss (1→2,2→3)	dB	0.9	0.8
Min. Return Loss	dB	50	
Min. Extinction Ratio	dB	22	20
Min. Cross Talk	dB	50	
Max. Optical Power (CW)	mW	500	
Max. Tensile Load	N	5	
Fiber Type		PM Panda Fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*Above specifications are for device without connector.

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

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

PM CIR-①①-②③-④④④-⑤⑤⑤-⑥

①①: Wavelength

31 - 1310nm

55 - 1550nm

SS- Specify

②: Type

A - Type A

B - Type B

③: Port

1 - 1X2

④④④: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3

B - 250um Fiber

D - 400um Fiber

L - 900um Loose Tube

S - Specify

⑥: Fiber Length

1 - 1.0m

S - Specify