Polarization Maintaining Optical Circulator

(PMCIR 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.

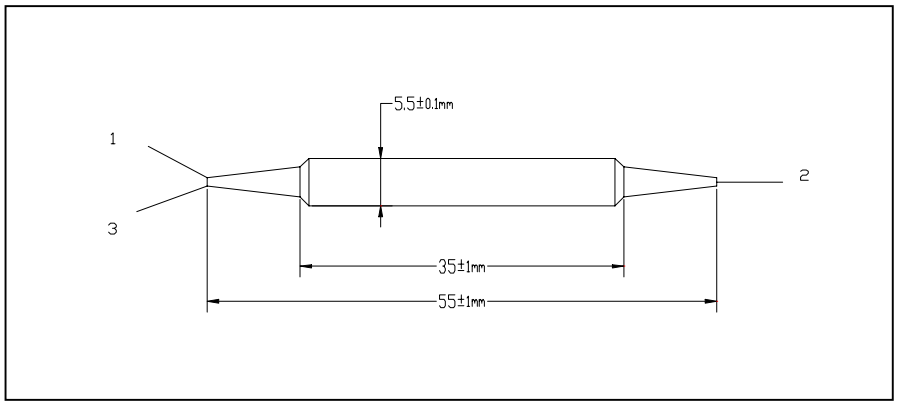
Specifications

Parameter	Unit	Values
Center Wavelength	nm	1310 or 1550
Operating Wavelength Range	nm	± 40
Typical Insertion loss	dB	0.6
Maximum Insertion loss	dB	0.8
Peak Isolation	dB	40
Typical Isolation	dB	30
Min. Isolation	dB	25
Mini. Extinction Ratio	dB	20
Mini.Cross talk	dB	50
Mini. Return loss	dB	55
Max. Optical Power	mW	300
Max. Tensile Load	N	5
Operating Temperature	℃	-5 to + 70
Storage Temperature	℃	-40 to +85

*Above specification are for device without connector.

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

Package Dimensions



Ordering Information

PMCIR-①①-②-③-④

①① : Wavelength	②: Connector Type	③: Fiber Type	④: Fiber Length
31 - 1310nm	1 - FC/UPC	B- 250 um panda fiber	Q - 0.75m
55 - 1550nm	2 -FC/APC	D- 400um panda fiber	S - Specify
SS- Specify	3 - SC/UPC	L- 900um loose tube panda fiber	
	4 - SC/APC	S - Specify	
	S - Specify		
	N - None		

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