



## 4-port Polarization Maintaining Optical Circulator (DPMCIR Series)

Rev 11

The 4-port Polarization Maintaining Optical Circulator is a compact, high performance lightwave component that routes incoming signals from Port 1 to Port 2, incoming Port 2 signals to Port 3, and incoming Port 3 signals to Port 4. This component provides high isolation, low insertion loss, high extinction ratio, and excellent environment stability.

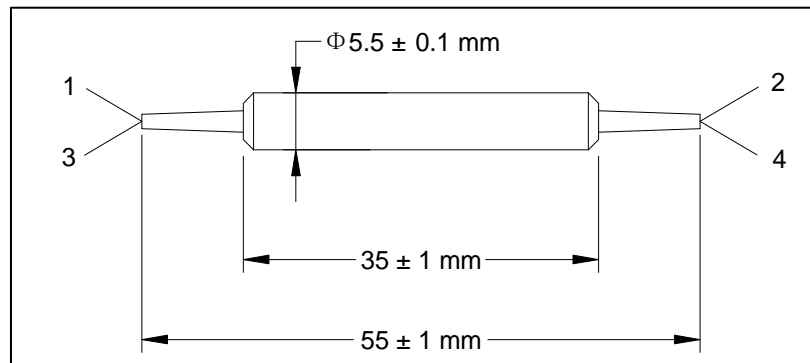
### Specifications

Parameter	Unit	Type A	Type B
Center Wavelength ( $\lambda_c$ )	nm	1064	
Typ. Insertion Loss, $\lambda_c$ , 23 °C,	dB	3.8	2.4
Max. Insertion Loss, $\lambda_c$ , all temperature	dB	4.2	2.8
Typ. Isolation, $\lambda_c$ , 23 °C	dB	52	30
Min. Isolation, $\lambda_c$ , 23 °C	dB	45	20
Min. Extinction Ratio	dB	20	20
Min. Diectivity (1 -> 3, 2 -> 4)	dB	50	
Min. Return Loss	dB	50	
Max. Optical Power (Continuous Wave)	mW	300	
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.

\*The routing path: Type A: 1 -> 2, 2 -> 3, 3 -> 4; Type B: 1 -> 2, 2 -> 3, 3 -> 4, 4 -> 1

### Package Dimensions



### Ordering Information

DPMCIR-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 $\mu$ m Panda fiber	Q - 0.75 m
SS - Specify	2 - Type B	2 - FC/APC	L - 900 $\mu$ m loose tube	S - Specify
		3 - SC/UPC	S - Specify	
		4 - SC/APC		
		N - None		
		S - Specify		