



4-port Polarization Maintaining Optical Circulator (DPMCIR Series)

Rev 10

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

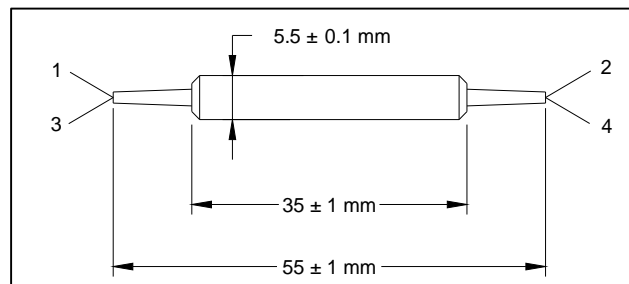
Specifications

Parameter	Unit	Type A	Type B
Center Wavelength (c)	nm		1064
Typ. Insertion Loss, c , 23 ,	dB	3.8	2.4
Max. Insertion Loss, c , all temperature	dB	4.2	2.8
Typ. Isolation, c , 23	dB	52	30
Min. Isolation, c , 23	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			-5 to +50
Storage Temperature			-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- - - - -

: Wavelength	: Type	: Connector Type	: Fiber Jacket	: Fiber Length
06 - 1064 nm	1 - Type A	1 - FC/UPC	B - 250 μm Panda fiber	Q - 0.75 m
SS - Specify	2 - Type B	2 - FC/APC	L - 900 μm loose tube	S - Specify
		3 - SC/UPC	S - Specify	
		4 - SC/APC		
		N - None		