

1064nm Polarization Maintaining Optical Circulator



Product Features

- High Isolation
- Low Insertion Loss
- High Extinction Ratio
- Excellent Stability and Reliability

Product Applications

- Research
- Fiber Sensors
- Coherent Detecting
- Fiber Optic instruments

Specifications

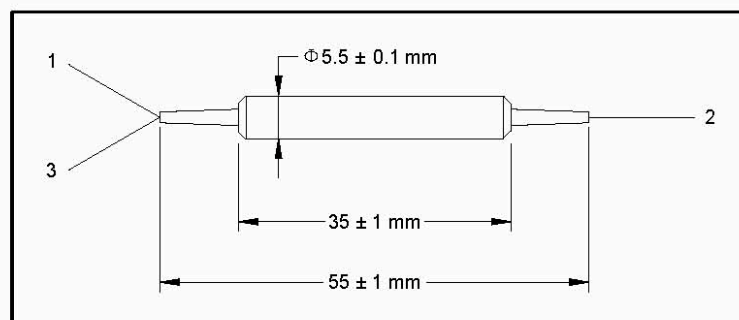
Parameter	Unit	Type A	Type B
Central Wavelength (λ_c)	nm	1064	
Insertion Loss, λ_c , 23°C	Typ. dB	3.4	1.8
Insertion Loss*	Max. dB	4.0	2.1
Isolation, λ_c , 23°C	Typ. dB	52	30
Isolation, λ_c , 23°C	Min. dB	45	22
Extinction Ratio	Min. dB	20	
Crosstalk	Min. dB	50	
Return Loss	Min. dB	50	
Optical Power (Continuous Wave)	Max. mW	300	
Tensile Load	Max. 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 routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3.

*All temperature.

Package Dimensions



Ordering Information

P	M	O	C	I	R						
						Wavelength	Type	Package	Pigtail	Fiber Type	Fiber Length
						8=1064nm	A=Type A B=Type B	C=Ø5.5 x L35	S=250µm bare fiber pigtail M=0.9mm loose tube	E=Panda fiber	0=0.5m 1=0.75m 2=1.0m
											Connector
											0=None 3=FC/APC 5=SC/APC 7=FC/UPC 8=SC/UPC

Note: All specifications are before connectors and are subject to change without notice.