


Polarization Maintaining Optical Circulator

Features	
Low Insertion Loss High Extinction Ratio and High Isolation High stability and reliability	
Application	
Fiber Amplifier Fiber Sensor Fiber Laser	

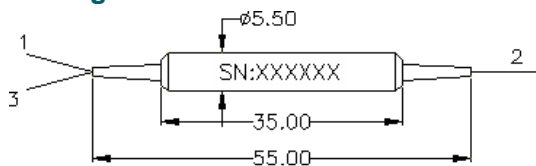
Specifications

Type Parameter	Type A	Type B	Type B	Type A	Type B
Operating wavelength (nm)	1310 or 1550+/-30		1064+/-5	1310,1550	1064
	3 Port			4 Port	
Bandwidth (nm)	±30	±20	±5	±30	±5
Typ. Isolation (dB)	46	30	30	46	35
Isolation (dB)	≥40	≥20	≥25	≥40	≥28
Typ. Insertion Loss (dB)	0.7	0.6	1.8	0.8	2.1
Insertion Loss (dB)	≤0.9	≤0.8	≤2.1	≤1.1	≤2.8
Extinction Ratio (dB)	≥22	≥20	≥20	≥20	≥20
Cross Talk (dB)	≥50				
Return loss (dB)	≥50				
Power handling (mW)	≤300				
Fiber Type	Panda Fiber				
Operating temperature (°C)	-5 ~ +70		-5 ~ +50	-5 ~ +70	-5 ~ +50
Storage temperature (°C)	-40 ~ +85				
Dimensions (mm)	φ5.5×L35				

*Above specifications are for devices without the connectors.*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. Fast axis is blocked. For 1550nm, 1310nm Both axis working available
Type A is Dual stage Faraday Rotator core, Type B is Single Stage Faraday Rotator Core

Package Dimensions



Ordering Information

PM CIR	Port	Type	Wavelength	Axis Alignment	Pigtail Type	Fiber Type	Length	Connector
	3=3 Port 4=4 Port	A B	1064 1310 1550	F=Fast axis blocked B=Both axis working	0=250um bare fiber 1=900um loose tube 3=3mm loose tube	5=Panda fiber	0.8= 0.8m 1=1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other