

Mini Size 3 Port Polarization Maintaining Optical Circulator

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

Specifications

Type Parameter	Type A	Type B
Operating wavelength (nm)	1310 or 1550	
Bandwidth (nm)	±30	±20
Typ. Isolation (dB)	46	30
Isolation (dB)	≥40	≥20
Typ. Insertion Loss (dB)	0.7	0.6
Insertion Loss (dB)	≤0.9	≤0.8
Extinction Ratio (dB)	≥22	≥20
Cross Talk (dB)	≥50	
Return loss (dB)	≥50	
Power handling (mW)	≤300	
Fiber Type	PM1550	
Operating temperature (°C)	-5 ~ +70	
Storage temperature (°C)	-40 ~ +85	
Dimensions (mm)	Φ3.55×L30	

*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.

Ordering Information

PM CIR	Port	Type	Wavelength	Axis Alignment	Pigtail Type	Fiber Type	Length	Connector
	3=3 Port	A B	1310 1550	F=Fast axis blocked	0=250um bare fiber	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