3 Port Polarization Maintaining Optical Circulator (Fast Axis Blocking)

Features
Low Insertion Loss High Extinction Ratio and High Isolation High stability and reliability
Application
EDFA Fiber Optical Instrument Fiber Sensor Fiber Laser

Specifications

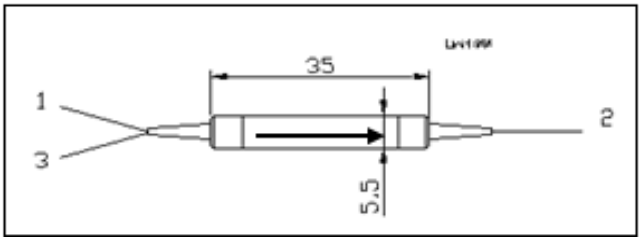
Type / Parameter	Type A	Type B	
Operating wavelength (nm)	1310 or 1550		1064
Bandwidth (nm)	±30	±20	±5
Typ. Isolation (dB)	46	30	30
Isolation (dB)	≥40	≥20	≥25
Typ. Insertion Loss (dB)	0.7	0.6	1.8
Insertion Loss (dB) @,-5 to +70（1310/1550nm），,-5 to +50（1064nm）	≤0.9	≤0.8	≤2.1
Extinction Ratio (dB)	≥22	≥20	≥20
Cross Talk (dB)	≥50		
Return loss (dB)	≥50		
Power handling (mW)	≤500		≤300
Fiber Type（panda Fiber）	1310nm :PM 1310;1550nm:PM1550; 1064nm:PM980.		
Ports Marking color(only for 250um bare fiber)	Port1 :Black ,Other ports :Clear		
Ports labeling(only for devices with 900um loose tube)	900um Red loose tube for all ports; Marking:port1:Black		
Operating temperature (℃)	-5 ~ +70	-5 ~ +70	-5 ~ +50
Storage temperature (℃)	-40 ~ +85		
Dimensions (mm)	φ5.5 × L35(P1) (only for bare fiber or 900um loose tube)		
	L90*W20*H9.5（ABS）(P2) (only for 3mm or 2mm cable)		

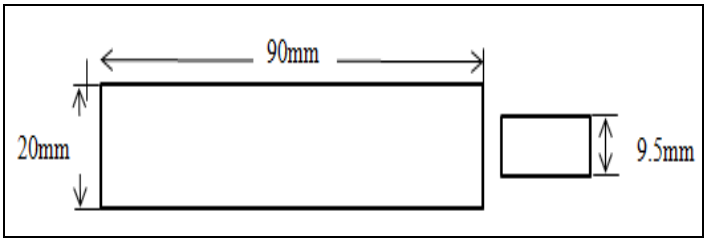
*Above specifications are for devices without the connectors.

*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.

Package Dimensions





Ordering Information

PMOC	Wavelength	Ports	Type	Axis Alignment	Package	Pigtail Type	Length	Connector
PMOC= PMCIR	1064=1064nm 1310=1310nm 1550=1550nm 1650=1650nm 1480=1480nm	3=3 Ports	A=A Type B=B Type	F=Fast Axis Blocked	1=P1(φ5.5 × L35) 2=P2(L90* W20*H9.5)	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC