

### 3 Port Polarization Maintaining Optical Circulator (Fast Axis Blocking)

<b>Features:</b>
Low Insertion Loss High Extinction Ratio and High Isolation High stability and reliability
<b>Application:</b>
EDFA Fiber Optical Instrument Fiber Sensor Fiber Laser

**Specifications:**

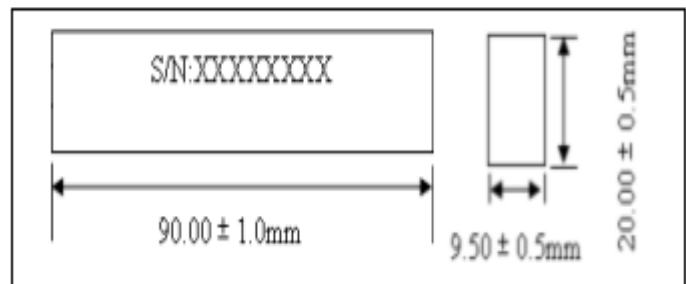
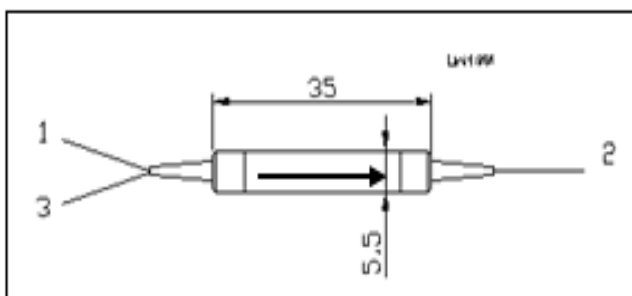
Type Parameter	Type A	Type B		
Operating wavelength (nm)	1310, 1450, 1480, 1550	1064	1030	
Bandwidth (nm)	±30	±20	±5	±5
Typ. Isolation (dB)	46	30	30	25
Isolation (dB)	≥40	≥20	≥25	≥20
Typ. Insertion Loss (dB)	0.7	0.6	1.8	3.6
Insertion Loss (dB) @, -5 to +70 (1310/1550nm), , -5 to +50 (1030/1064nm)	≤0.9	≤0.8	≤2.1	≤4.5
Extinction Ratio (dB)	≥22	≥20	≥20	≥20
Cross Talk (dB)	≥50			
Return loss (dB)	≥50			
Power handling (mW)	≤500	≤300	≤50	
Fiber Type (panda Fiber)	1310nm : PM 1310; 1550nm: PM1550; 1030/1064nm: PM980.			
Operating temperature (°C)	-5 ~ +70		-5 ~ +50	
Storage temperature (°C)	-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:**



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### Ordering Information:

PMOC	Wavelength	Ports	Type	Axis Alignment	Package	Pigtail Type	Length	Connector
PMOC= PM CIR	1030=1030nm 1064=1064nm 1310=1310nm 1450=1450nm 1480=1480nm 1550=1550nm	3=3 Ports	A=A Type B=B Type	F=Fast Axis Blocked	0= $\phi$ 5.5×L35mm 1=90*20*9.5mm 2=Glass tube S=Specify	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube S=Specify	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 S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify