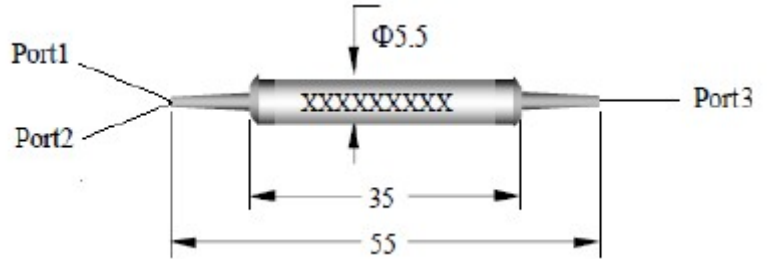




3 Port Polarization Maintaining Optical Circulator

Polarization maintaining optical circulator utilizes proprietary designs and metal bonding micro optics packaging. It provides low insertion loss, broad band high isolation, high extinction ratio, excellent temperature stability and optical path epoxy free. It can be used for wavelength add/drop, dispersion compensation and EDFA applications.

The products are Telcordia qualification tested.



Features

- ◆ Low Insertion Loss
- ◆ High Extinction Ratio
- ◆ Compact In-Line Package
- ◆ High Stability and Reliability

Applications

- ◆ Fiber Optic Instruments
- ◆ Fiber Sensors
- ◆ Coherent Detecting
- ◆ Research

Performance Specifications

Parameter	Values	
	Type A	Type B
Type	Type A	Type B
Center Wavelength(nm)	1310 or 1550	
Operating Wavelength Range(nm)	± 30	± 20
Min. Isolation(dB)	40	20
Typ. Isolation(dB)	46	30
Peak Isolation(dB)	52	40
Typ. Insertion Loss(dB)	0.7	0.6
Max. Insertion Loss(dB)	0.9	0.8
Min. Extinction Ratio(dB)	22	20
Min. Return Loss(dB)	55	
Min. Cross Talk(dB)	50	
Max. Optical Power (CW) (mW)	500	
Max. Tensile Load(N)	5	
Fiber Type	PM Panda Fiber	
Operating Temperature(°C)	-5 to +70	
Storage Temperature(°C)	-40 to +85	
Package Dimensions (mm)	Ø5.5 x L35	

*Above specifications are for device without connector.

*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 and fast axis is blocked.

Order information

PMOC-①-②②-③-④④-⑤⑤-⑥⑥



①	②②	③	④④	⑤⑤	⑥⑥
Port	Operating Wavelength	Type	Fiber Diameter	Fiber Length	Connector
3:3port	13:1310nm 15:1550nm	A:Type A B:Type B	25:250um 90:900um XX: Others	05:0.5m 10:1.0m 15:1.5m XX:Others	00:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC LP: LC/PC LA: LC/APC XX: Others