



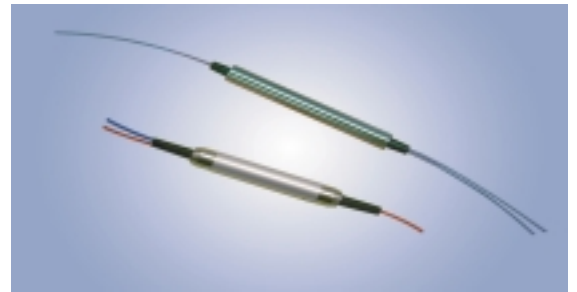
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Polarization Maintaining Optical Circulators

Fiber Optic Circulator is a non-reciprocal device that redirects light from port to port in one certain direction. The device is designed for use in WDM systems, optical amplifiers and sensor applications. The component features high power, high isolation, high return loss, and excellent environmental stability.

Types

- 3 & 4 Ports
- High Power (300/500mW)
- 1064/1310/1550nm Window



Applications

- WDM Systems
- Dispersion Compensation
- Sensor Applications
- Optical Amplifiers
- OTDR Applications

Features

- High Stability and Reliability
- High Isolation
- High Return Loss
- Low Insertion Loss
- High Extinction Ratio



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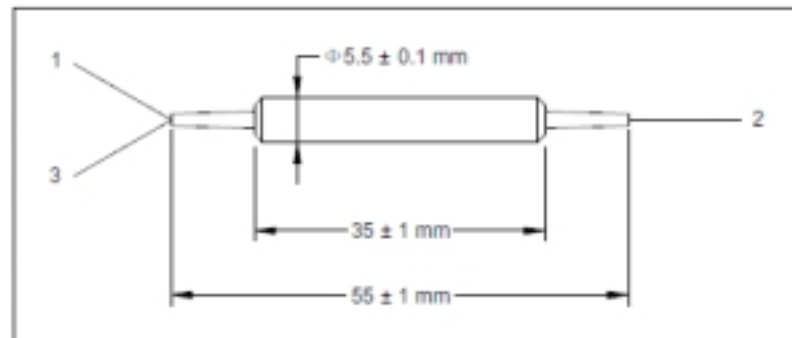
SPECIFICATIONS

Polarization Maintaining Optical Circulators (C+L Band)

Parameter	3 Port	Units
Center Wavelength	1560	nm
Operating Wavelength Range	1520 ~ 1610	nm
Typ. Insertion Loss, 23°C	0.9	dB
Min. Insertion Loss	1.1	dB
Peak Isolation	52	dB
Typ. Isolation, 23°C	40	dB
Min. Isolation, 23°C	35	dB
Min. Extinction Ratio	22	dB
Min. Cross Talk	50	dB
Min. Return Loss	50	dB
Max. Optical Power (Continuous Wave)	300	mW
Max. Tensile Load	5	N
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

*IL is 0.3dB higher, RL is 0.5dB lower, and ER is 2dB lower for each connector added. Connector key is aligned to slow axis.

Package Dimension



ORDERING CODES

OLCIR - P - [] - [] - [] - [] - []

Port	Code
3 ports	3
4 ports	4
Tailor Made 4 -> 1	S

Handling Power	Code
300mW	300

Wavelength	Code
1310 nm	131
1550 nm	155
1500 - 1610 nm	CL

Cable Diameter	Code
250 um	25
900 um	90

Connector Type	Code
No Connector	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

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