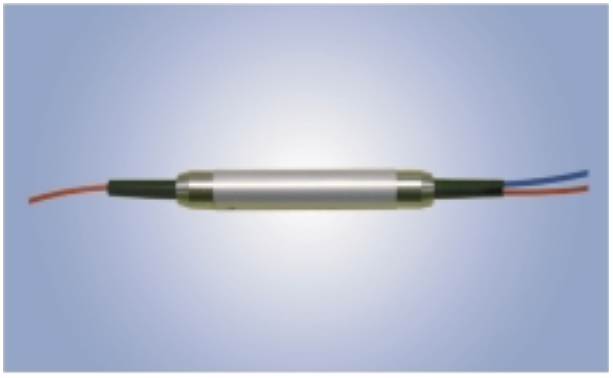
Opto-Link
Corporation Ltd

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 Ports
- High Power (300mW)
- 1070nm Window



Applications

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

Features

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

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SPECIFICATIONS

Polarization Maintaining Optical Circulators (1070nm)

Parameter	Values	Units
Center Wavelength	1070	nm
Operating Wavelength Range	1060-1085	nm
Typ. Insertion Loss	2.0	dB
Max. Insertion Loss	2.4	dB
Typ. Isolation	30	dB
Min. Isolation	23	dB
Min. Extinction Ratio	20	dB
Min. Cross Talk	50	dB
Min. Return Loss	50	dB
Fiber Type	PM 980 Panda Fiber	--
Handling Power	300	mW
Max. Tensile Load	5	N
Operating Temperature	0 to +50	°C
Storage Temperature	-40 to +85	°C

*Above specifications are for device without connectors.
*Above specifications are for device with fast axis blocked.
*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

ORDERING CODES

OLCIR – P – [ ] – [ ] – [ ] – [ ] – [ ]

Port	Code
3 ports	3

Handling Power	Code
300mW	300

Wavelength	Code
1070 nm	107

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
Others	XX

■ Opto-Link Corporation Ltd. reserves the right to make changes to the products described herein without notice.

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