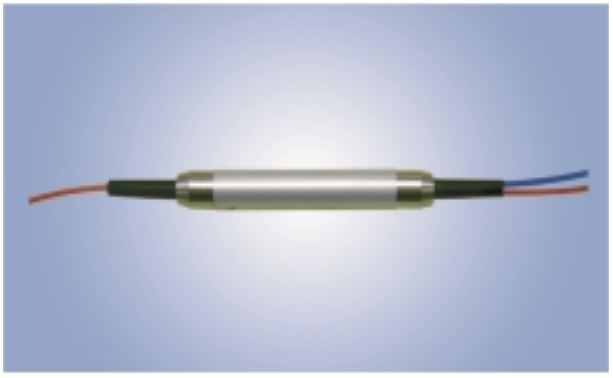
Opto-Link
Corporation Ltd

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)
- 1080nm 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

Tel: +852 2480-6106 Fax: +852 2480-1621 Email: contact@optolinkcorp.com Website: www.optolinkcorp.com

Opto-Link Corporation Ltd

SPECIFICATIONS

Polarization Maintaining Optical Circulators (1080nm)

Parameter	Values	Units
Center Wavelength	1080	nm
Operating Wavelength Range	+/- 10	nm
Transmitting Direction	1->2, 2->3	--
Max. Insertion Loss	2.1	dB
Typ. Insertion Loss	1.8	dB
Typ. Isolation	30	dB
Min. Isolation	23	dB
Min. Extinction Ratio	20	dB
Min. Cross Talk	50	dB
Min. Return Loss	50	dB
Handling Power	300	mW
Max. Tensile Load	5	N
Fiber Type	PM 980 Panda Fiber	--
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
1080 nm	108

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.

Tel: +852 2480-6106 Fax: +852 2480-1621 Email: contact@optolinkcorp.com Website: www.optolinkcorp.com