



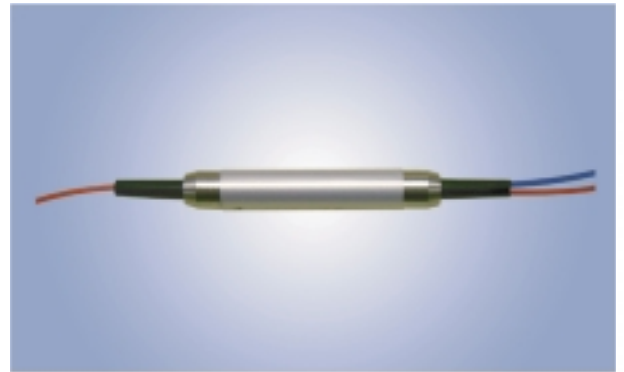
Opto-Link
Corporation Ltd

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)
- 1310/1550nm 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 (1310/1550nm)

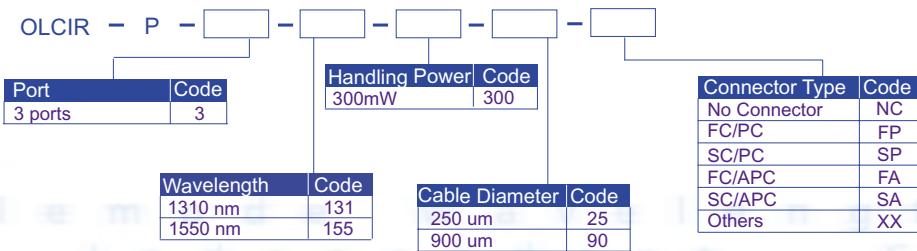
Parameter	Values	Units
Center Wavelength	1310 or 1550	nm
Operating Wavelength Range	+/- 30	nm
Transmitting Direction	1->2, 2->3	--
Max. Insertion Loss	1.0	dB
Typ. Insertion Loss	0.8	dB
Min. Isolation	40(Peak 50)	dB
Min. Extinction Ratio	16(Typ. 20)	dB
Min. Cross Talk	50	dB
Min. Return Loss	50	dB
Handling Power (CW)	300	mW
Max. Tensile Load	5	N
Fiber Type	PM Panda Fiber	--
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

*Above specifications are for device without connectors.

*Above specifications are for device with both slow and fast axis working.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower for each connector added. Connector key is aligned to slow axis.

ORDERING CODES



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

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