



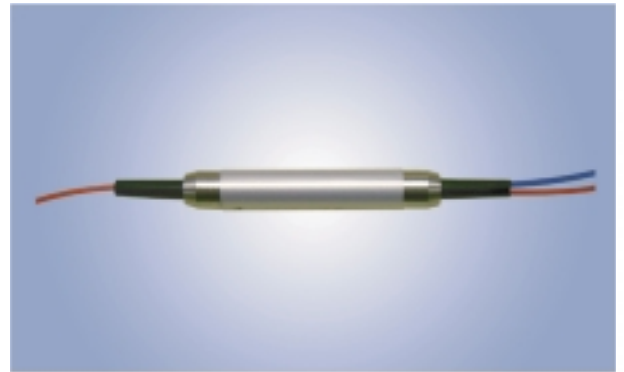
Opto-Link
Corporation Ltd

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)
- 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



Opto-Link
Corporation Ltd

SPECIFICATIONS

Polarization Maintaining Optical Circulators (1550nm)

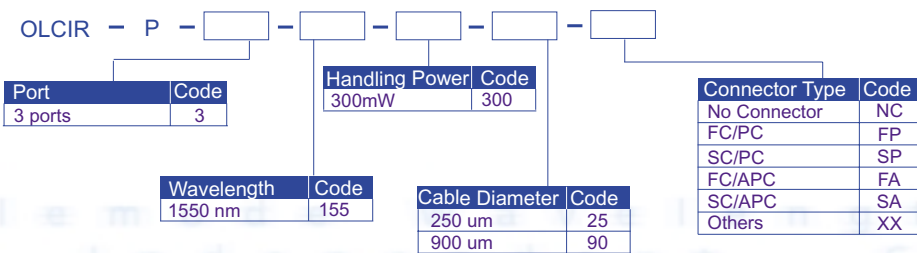
Parameter	Values	Units
Center Wavelength	1550	nm
Operating Wavelength Range	+/- 20	nm
Transmitting Direction	1->2, 2->3	--
Max. Insertion Loss	0.9	dB
Typ. Insertion Loss	0.7	dB
Peak Isolation	52	dB
Typ. Isolation	46	dB
Min. Extinction Ratio @ 23°C	25	dB
Min. Cross Talk	50	dB
Min. Return Loss	55	dB
Handling Power	300	mW
Max. Tensile Load	5	N
Fiber Type	PM Panda Fiber	--
Operating Temperature	-10 to +65	°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



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

COPYRIGHT © 2002-2007 Opto-Link Corporation Ltd.

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