



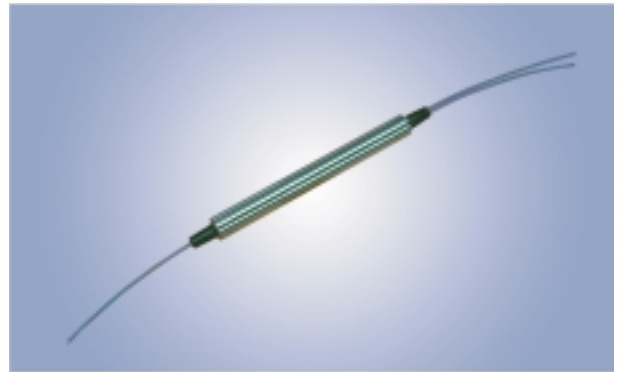
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# Polarization Independent Optical Circulators

Fiber Optic Circulator is a non-reciprocal device that redirects light from port to port in one 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)
- 1650nm 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
- Low Polarization Dependent Loss
- Low Polarization Mode Dispersion



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## SPECIFICATIONS

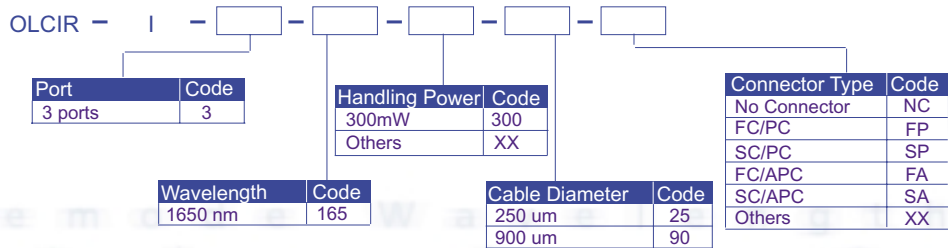
### Polarization Independent Optical Circulators (1650nm)

Parameter	Values	Units
Center Wavelength	1650	nm
Operating Wavelength Range	+/- 10	nm
Typ. Insertion Loss	0.7	dB
Max. Insertion Loss	1.5	dB
Min. isolation	45	dB
Min. Cross talk	50	dB
Min. Return Loss	55	dB
Min. PDL	<0.25	dB
Min. PMD	0.1	ps
Max. Optical Power	300	mW
Max. Tensile Load	5	N
Fiber Type	SMF-28 Fiber	--
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimensions	<=dia 5.5 x 63	mm

\*Above specifications are for device without connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

## ORDERING CODES



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

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