



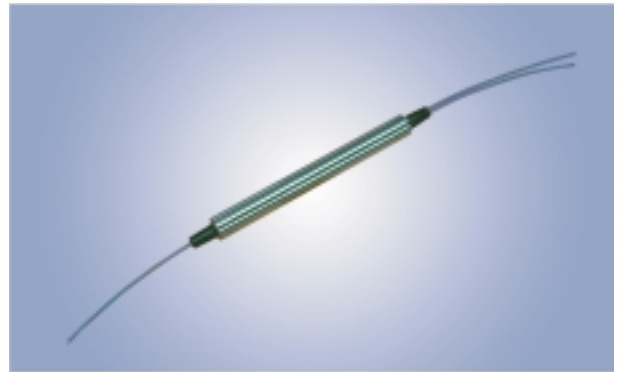
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Polarization Independent Optical Circulators

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)
- 1590nm 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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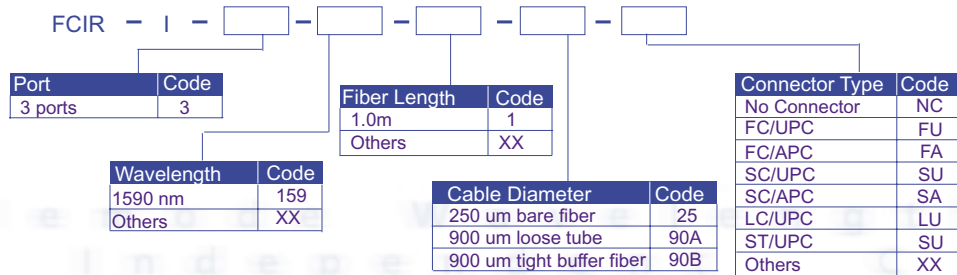
SPECIFICATIONS

Polarization Independent Optical Circulators (1590nm)

Parameter	Values	Units
Center Wavelength	1590nm	nm
Operating Wavelength Range	+/-20	nm
Typ. Insertion Loss	0.7	dB
Max. Insertion Loss	0.8	dB
Min. isolation, 23°C	45	dB
Min. Cross talk	50	dB
Min. Return Loss	55	dB
Max. PDL	0.1	dB
Max. PMD	0.1	ps
Max. Optical Power(Continuous Wave)	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 63mm	mm

*IL is 0.3dB higher, and RL is 5dB lower for each connector added.

ORDERING CODES



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

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