



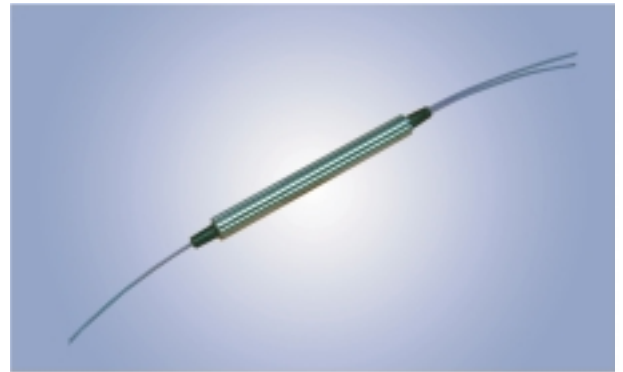
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Polarization Independent Optical Circulators

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)
- 1053nm 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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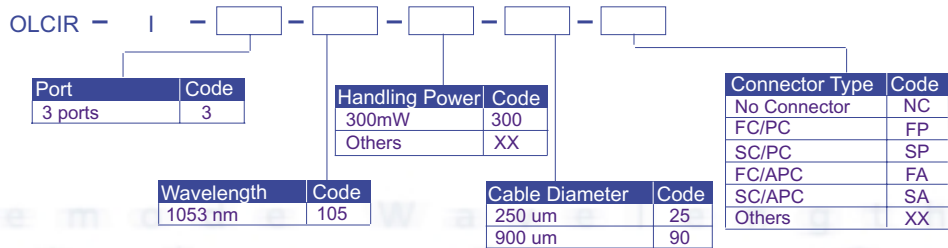
SPECIFICATIONS

Polarization Independent Optical Circulators (1053nm)

Parameter	Values	Units
Center Wavelength	1053	nm
Operating Wavelength Range	+/-5	nm
Typ. Insertion Loss	2.3	dB
Max. Insertion Loss	2.5	dB
Min. isolation	18	dB
Min. Cross talk	45	dB
Min. Return Loss	50	dB
Max. PDL	0.2	dB
Max. PMD	0.15	ps
Max. Optical Power(Continuous Wave)	300	mW
Max. Tensile Load	5	N
Fiber Type	HI1060	--
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

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

ORDERING CODES



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