



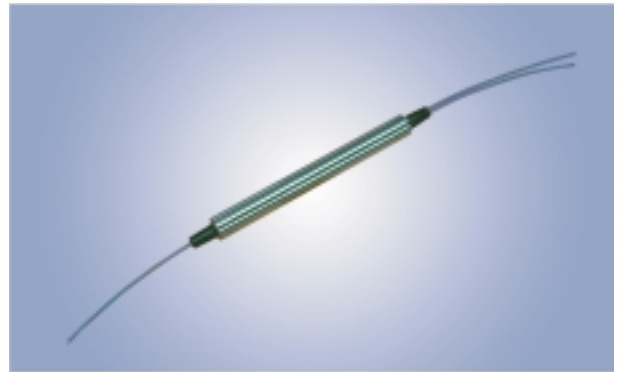
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Polarization Independent Optical Circulators

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)
- 1340nm 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



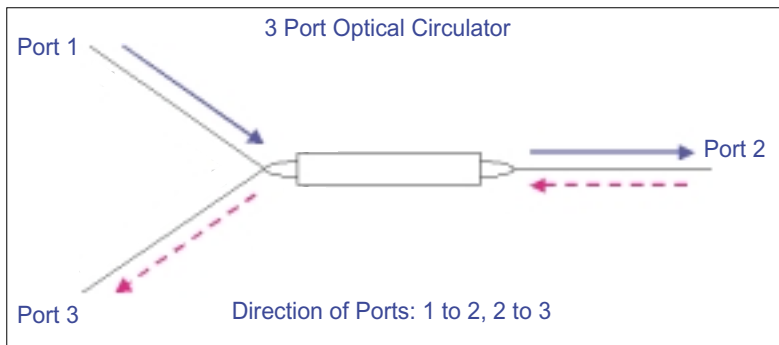
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SPECIFICATIONS

Polarization Independent Optical Circulators (1340+/-60nm)

Parameter	3 ports	Units
Center Wavelength	1340	nm
Operating Wavelength Range	+/-60	nm
Typ. Insertion Loss	1.3	dB
Max. Insertion Loss	1.5	dB
Min. Isolation, 23°C	28	dB
Min. Crosstalk	50	dB
Min. Return Loss	50	dB
Max. PDL	0.2	dB
Max. PMD	0.1	ps
Max. Optical Power (CW)	300	mW
Max. Tensile Load	5	N
Fiber Type	SMF-28 fiber	--
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

OLCIR - I - [] - [] - [] - [] - []

Port	Code
3 ports	3

Handling Power	Code
300mW	300
Others	XX

Wavelength	Code
1280~1400 nm	134

Cable Diameter	Code
250 um	25
900 um	90

Connector Type	Code
No Connector	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
Others	XX

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