



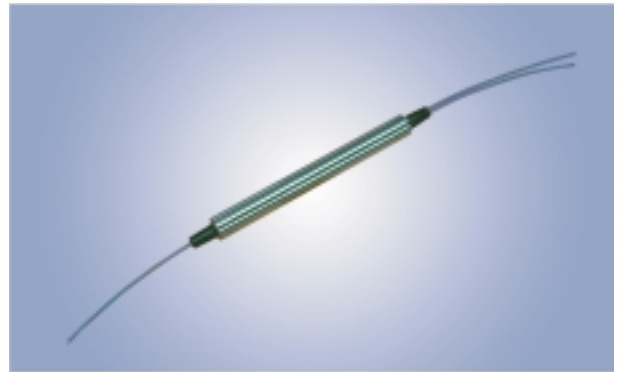
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Polarization Independent Optical Circulators

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)
- 1630nm 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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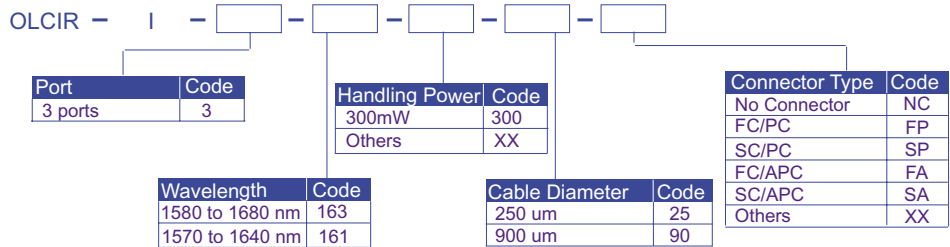
SPECIFICATIONS

Polarization Independent Optical Circulators (1630nm)

Parameter	3 ports		Units
	1580 to 1680	1570 to 1640	
Wavelength Range	1580 to 1680	1570 to 1640	nm
Transmitting Direction	1->2, 2->3	1->2, 2->3	--
Insertion Loss	< 1.2	(Typ.) 1.3 (Max.) 1.4	dB
Isolation	> 31	> 30	dB
PDL	< 0.15	< 0.2	dB
PMD	< 0.1	< 0.1	ps
Return Loss	> 55	> 50	dB
Crosstalk	> 50	> 50	dB
Fiber Type	SMF-28	SMF-28 fiber	--
Handling Power	300	300	mW
Tensile Load	5	5	N
Operating Temperature	-5 to +70	-5 to +70	°C
Storage Temperature	-40 to +85	-40 to +85	°C

*Above specifications are for device without connectors.

ORDERING CODES



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