



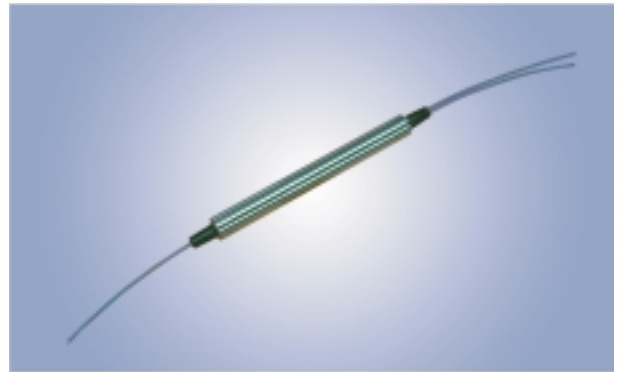
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Polarization Independent Optical Circulators

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)
- 1480nm 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



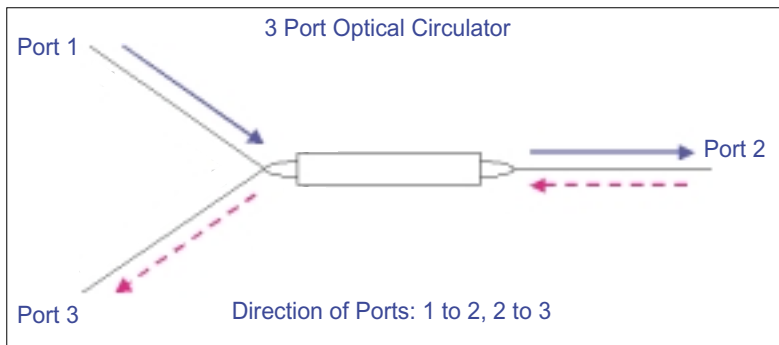
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SPECIFICATIONS

Polarization Independent Optical Circulators (1480nm)

Parameter	3 ports	Units
Wavelength Range	1450 to 1520	nm
Transmitting Direction	1->2, 2->3	--
Insertion Loss	< 1.2	dB
Channel Isolation	> 30	dB
PDL	< 0.15	dB
PMD	< 0.05	ps
TDL	< 0.2	dB
WDL	< 0.2	dB
Return Loss	> 50	dB
Directivity	> 50	dB
Handling Power	300	mW
Operating Temperature	0 to +70	°C
Storage Temperature	-40 to +85	°C

*Above specifications are for device without connectors.



ORDERING CODES

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

Port	Code
3 ports	3

Handling Power	Code
300mW	300
Others	XX

Wavelength	Code
1480 nm	148

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
LC/PC	LP
MU/PC	MP
Others	XX

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