



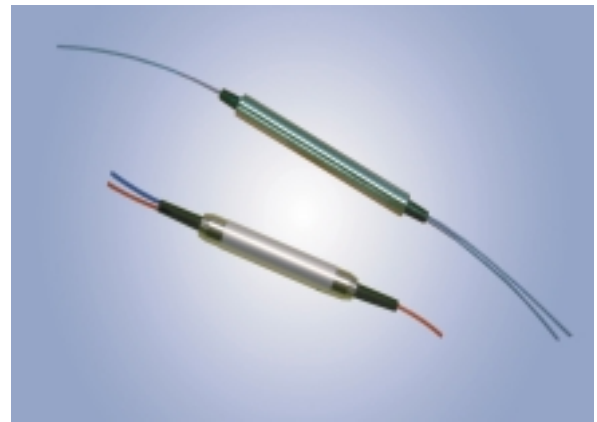
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Polarization Independent Optical Circulators

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 (500mW)
- 1310/1550nm Window



Applications

- WDM systems
- Dispersion Compensation
- Sensor Applications
- Optical Amplifiers
- OTDR Applications

Features

- High Stability and Reliability
- High Isolation
- High Return Loss
- Low Insertion Loss
- Low Polarization Dependent Loss
- Low Polarization Mode Dispersion



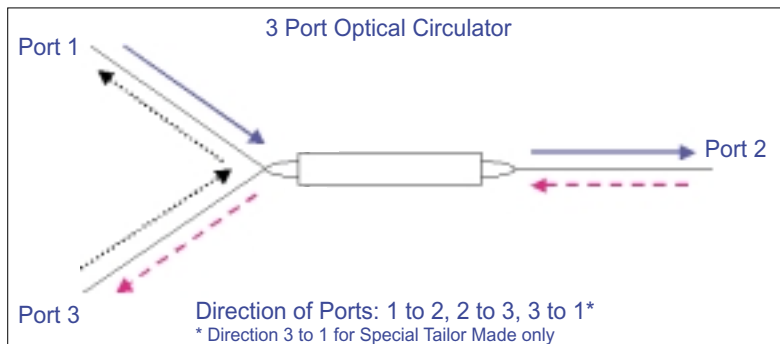
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SPECIFICATIONS

Polarization Independent Optical Circulators (1300-1500nm)

Parameter	3 ports	Units
Center Wavelength	1400	nm
Wavelength Range	1300-1500	nm
Transmitting Direction	1->2, 2->3	--
Insertion Loss	< 5.0	dB
Channel Isolation (@ 23°C)	> 15	dB
PDL	< 0.2	dB
PMD	< 0.05	ps
Return Loss	> 50	dB
Cross Talk	35	dB
Handling Power	500	mW
Fiber Length	1	m
Operating Temperature	0 to +70	°C
Storage Temperature	-40 to +85	°C

*Above specifications are for device without connectors.



ORDERING CODES

Port		Handling Power		Wavelength		Cable Diameter		Connector Type	
Code		Code		Code		Code		Code	
3 Ports	3	500mW	500	1300-1500 nm	135	250 um	25	No Connector	NC
						900 um	90	FC/PC	FP
								SC/PC	SP
								FC/APC	FA
								SC/APC	SA
								LC/PC	LP
								MU/PC	MP
								Others	XX

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