



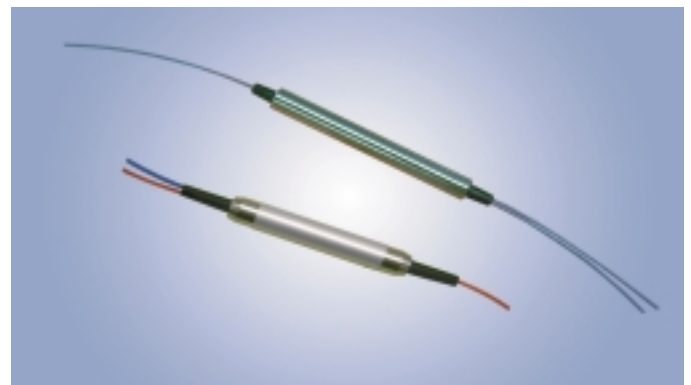
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Polarization Independent Optical Circulators

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)
- 1310nm 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



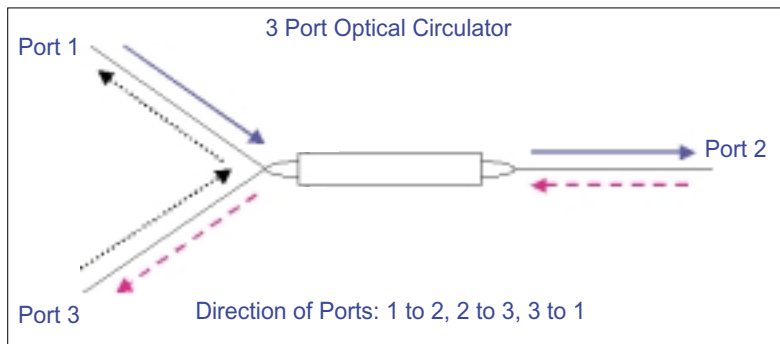
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SPECIFICATIONS

Polarization Independent Optical Circulators (1310nm)

Parameter	3 ports	Units
Center Wavelength	1310	nm
Operating Wavelength Range	+/- 70	nm
Max. Insertion Loss, 23°C	1.5	dB
Min. Isolation, 23°C	20	dB
Min. Cross Talk	35	dB
Min. Return Loss	40	dB
Max. PDL	0.25	dB
Max. PMD	0.2	ps
Max. Optical Power (Continuous Wave)	300	mW
Max. Tensile Load	5	N
Fiber Type	SMF-28 fiber	--
Operating Temperature	0 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimensions	5.5 x 63	mm

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



ORDERING CODES

Port	Code	Handling Power	Code	Connector Type	Code
3 Ports	3	300mW	300	No Connector	NC
				FC/PC	FP
				SC/PC	SP
				FC/APC	FA
				SC/APC	SA
				LC/PC	LP
				MU/PC	MP
				Others	XX

Wavelength	Code	Cable Diameter	Code
1310 nm	131	250 um	25
		900 um	90

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