



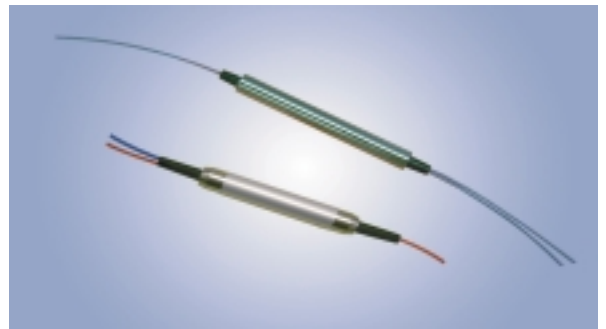
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Polarization Maintaining Optical Circulators

Fiber Optic Circulator is a non-reciprocal device that redirects light from port to port in one certain 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
- Optical Power (50mW)
- 1050nm 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
- High Extinction Ratio



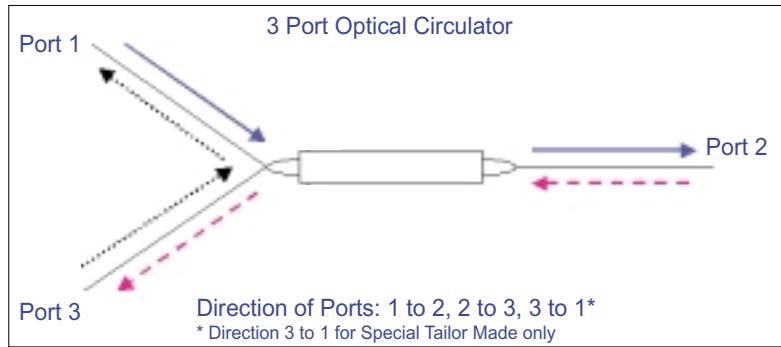
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SPECIFICATIONS

Polarization Maintaining Optical Circulators (1050nm)

Parameter	3 Port		Units
Center Wavelength	1050		nm
Operating Wavelength Range	+/-20		--
Typ. Insertion Loss 23°C	3.6	2.0	dB
Max. Insertion Loss, all temperature	7.0	3.6	dB
Typ. Isolation, 23°C	48	25	dB
Min. Isolation 23°C	40	20	dB
Min. Extinction Ratio	20		dB
Min. Crosstalk	50		dB
Min. Return Loss	50		dB
Max. Optical Power (Continuous Wave)	50		mW
Fiber Type	PM 980 Panda fiber or specify		--
Max. Tensile Load	5		N
Operating Temperature	-5 to +50		°C
Storage Temperature	-40 to +85		°C

*IL is 0.5 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.



ORDERING INFORMATION

PM CIR - P - [] - [] - [] - []

Fiber Length	Code
0.75m	75
Specify	XX

Wavelength	Code
1050 nm	105
Specify	XX

Fiber Type	Code
250 Panda fiber	25
900 loose tube	90
Specify	XX

Connector Type	Code
FC/UPC	FU
FC/APC	FA
SC/UPC	SU
SC/APC	SA
No connector	NC
Specify	XX

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