



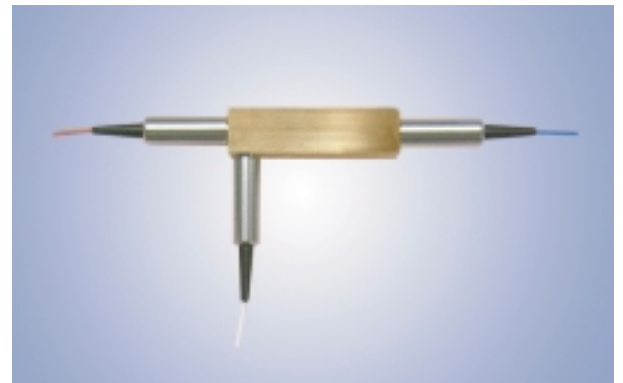
Opto-Link
Corporation Ltd

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 (3W)
- 850nm, 980nm and 1064nm 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

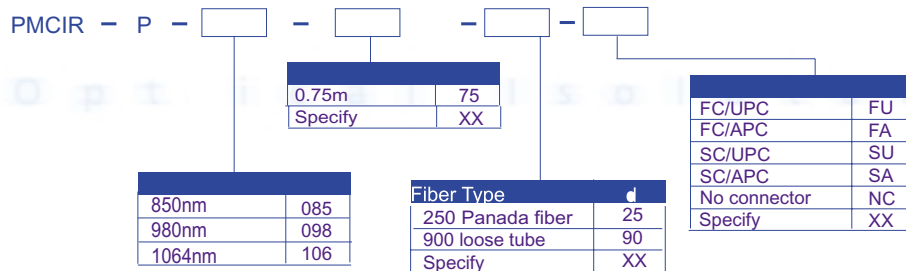
Polarization Maintaining Optical Circulators (840nm & 980nm)

Center Wavelength	850, 980	nm
Typ. Insertion Loss	1.3	dB
Max. Insertion Loss	1.7	dB
Min. Isolation	25	dB
Extinction Ratio	20	dB
Min. Crosstalk	45	dB
Min. Return Loss	50	dB
Max. Optical Power (CW)	3	W
Max. Tensile Load	5	N
Operating Temperature	0 to +60	°C
Storage Temperature	-20 to +75	°C
Fiber Type	PM 980 or PM 780 (850nm only)	--
Package Dimensions	(L) 127 x (W) 40 x (H) 40	mm

Polarization Maintaining Optical Circulators (1064nm)

Parameter	P Grade	3 Port	A Grade	Units
Center Wavelength		1064		nm
Typ. Insertion Loss	3.4		1.8	dB
Max. Insertion Loss	4.0		2.1	dB
Min. Isolation	52(Typ.), 45(Min.)		30(Typ.)22(Min.)	dB
Extinction Ratio		20		dB
Min. Crosstalk		50		dB
Min. Return Loss		50		dB
Max. Optical Power (CW)		3		W
Max. Tensile Load		5		N
Operating Temperature		-5 to +50		°C
Storage Temperature		-40 to +85		°C
Fiber Type		PM 980		--

ORDERING INFORMATION



■ Opto-Link Corporation Ltd. reserves the right to make changes to the products described herein without notice.