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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 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 (500mW)
- 850nm 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



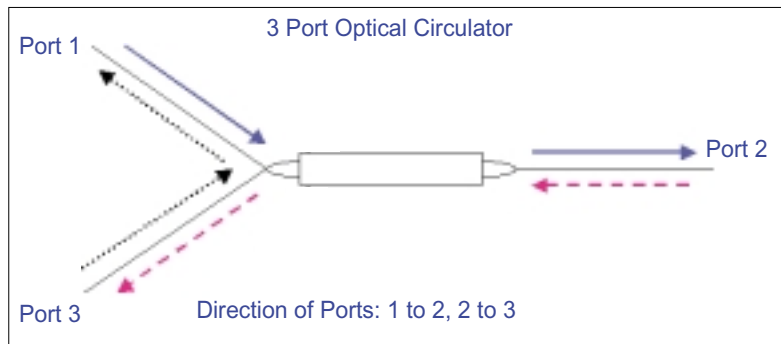
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## SPECIFICATIONS

### Polarization Independent Optical Circulators (850nm)

Parameter	3 Port	Units
Center Wavelength	850	nm
Operating Wavelength Range	810-890	nm
Max. Insertion Loss	1.8	dB
Min. Isolation	15	dB
Min. Directivity	40	dB
Min. Return Loss	45	dB
Typ. PDL	0.25	dB
Max. PDL	0.5	dB
Typ. WDL	0.2	dB
Max. Optical Power (Continuous Wave)	500	mW
Fiber Type	Corning HI 780	--
Max. Tensile Load	5	N
Operating Temperature	10 to +50	°C
Storage Temperature	-40 to +85	°C
Package Dimensions	62.6(L)x28(W)x27(H)	mm

\*IL is 0.5 dB higher, RL is 5 dB lower for each connector added.



## ORDERING INFORMATION

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

Fiber Length	Code
1m	1
Specify	XX

Wavelength	Code
850 nm	085
Specify	XX

Fiber Type	Code
250 Panada 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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