

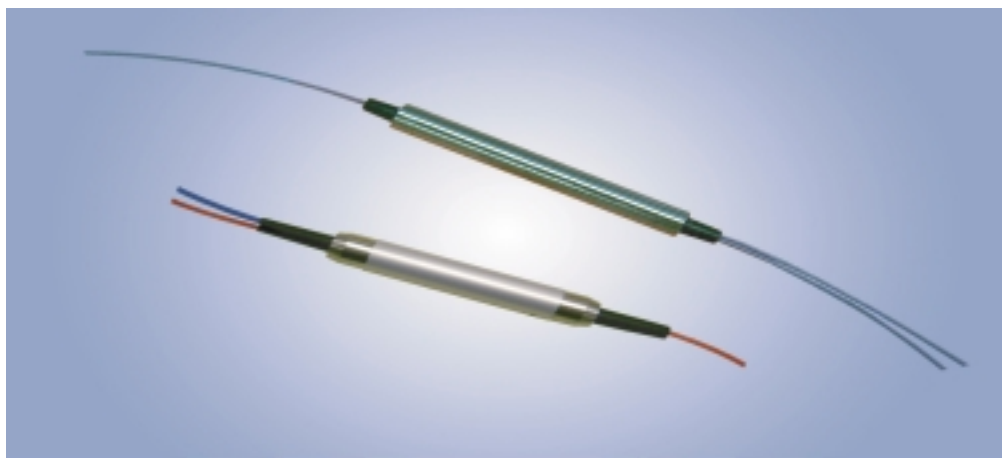


**Opto-Link
Corporation Ltd**

Polarization Independent Circulators

Wavelength: 1450nm, 3 port

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.



Applications

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

Features

- High Power (up to 1000mW)
- High Stability and Reliability
- High Isolation
- High Return Loss
- Low Insertion Loss
- Low Crosstalk
- Low Polarization Dependent Loss
- Low Polarization Mode Dispersion
- Single mode Corning SMF-28 Fiber



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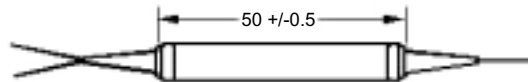
SPECIFICATIONS

Parameter	Values	Units
Central Wavelength	1450	nm
Bandwidth	+/-20	nm
Insertion Loss*	<1.2	dB
Isolation**	>30	dB
Cross Talk	50	dB
WDL	0.2	dB
TDL	0.2	dB
Return Loss	>50	dB
PDL	<0.2	dB
PMD	<0.05	ps
Operation Temperature	0 to +70	°C
Storage Temperature	-40 to +85	°C
Max Power Handling	1000	mW
Tensile Load	>10	N
Fiber Type	Corning SMF-28	--

* do not include connection loss, at central wavelength, 23°C

** at central wavelength, 23°C

Package Dimension



Dia 5.5

ORDERING CODES

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

Port	Code
3 ports	3
4 ports	4

Wavelength	Code
1310 nm	131
1550 nm	155

Handling Power	Code
300mW	300
1000mW	1000

Cable Diameter	Code
250 um	25
900 um	90

Connector Type	Code
no connectors	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

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