



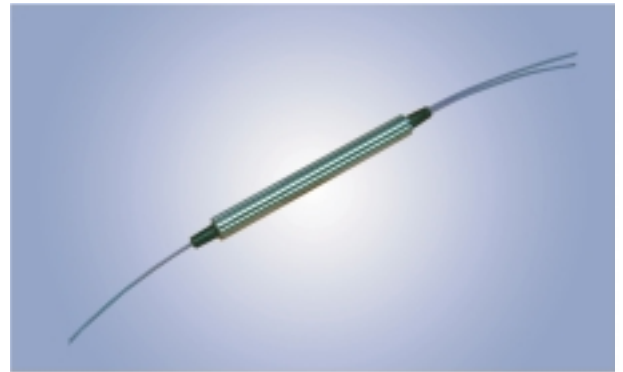
Opto-Link  
Corporation Ltd

# 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(Pulse App.)
- 1540nm



## Applications

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

## Features

- Excellent Stability and Reliability
- High Isolation
- High Return Loss
- Low Insertion Loss
- Low Polarization Dependent Loss
- Low Polarization Mode Dispersion



Opto-Link  
Corporation Ltd

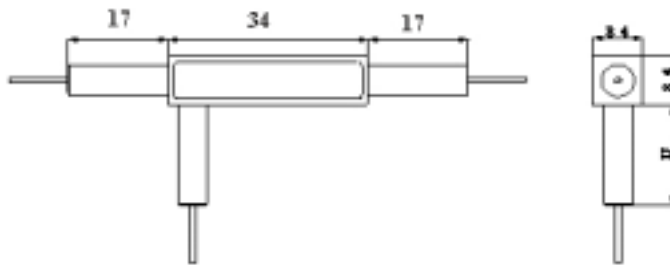
## SPECIFICATIONS

Polarization Independent Optical Circulators (1550nm) for Pulse App.

Parameter	Values	Units
Center Wavelength	1550nm	nm
Operating Wavelength Range	+/-20	nm
Insertion Loss	0.8(Typ.),1.0(Max.)	dB
Min. isolation, 23°C	30	dB
Min. Cross talk	50	dB
Min. Return Loss	50	dB
Max. PDL	0.15	dB
Max. PMD	0.1	ps
Max. Average Optical Power	1	W
Max. Peak Power for ns Pulse	3	mW
Max. Tensile Load	5	N
Fiber Type	SMF-28 Fiber	--
Operating Temperature	0 to +60	°C
Storage Temperature	-40 to +85	°C
Package Dimensions	(L)34 x (W)8.4 x (H)8.4	mm

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

## Package Dimension



## ORDERING CODES

Port		Wavelength		Fiber Length		Cable Diameter		Connector Type	
3 ports	Code	1540 nm	Code	1.0m	Code	250 um bare fiber	Code	No Connector	Code
3	3	Others	XX	Others	XX	900 um loose tube	90A	FC/UPC	FU
						900 um tight buffer fiber	90B	FC/APC	FA
								SC/UPC	SU
								SC/APC	SA
								LC/UPC	LU
								ST/UPC	SU
								Others	XX

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

COPYRIGHT © 2002-2009 Opto-Link Corporation Ltd.

Tel: +852 2480-6106 Fax: +852 2480-1621 Email: [contact@optolinkcorp.com](mailto:contact@optolinkcorp.com) Website: [www.optolinkcorp.com](http://www.optolinkcorp.com)