



Opto-Link  
Corporation Ltd

# Polarization Independent Isolators

(Wavelength: 980nm)

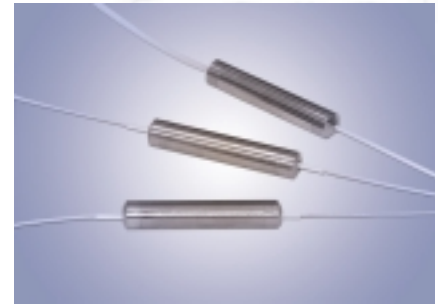
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low insertion loss over a wide wavelength range. It can be used in high power applications.

## Applications

- DWDM Systems
- Fiber Optic Sensors
- EDFA
- CATV
- Laser Diode Package

## Features

- High Power
- High Isolation
- Low Insertion Loss
- Low Polarization Dependent Loss
- Environmentally Stable



## SPECIFICATIONS

Polarization Independent Isolators (980nm)

Parameter	Single Stage	Units
Center Wavelength	980	nm
Min. Isolation	25	dB
Typ. Peak Isolation	30	dB
Max. Insertion Loss	1.0	dB
Min. Return Loss	50	dB
Max. PDL	0.1	dB
Max. Optical Power (CW)	3000	mW
Max. Tensile Load	5	N
Operating Temperature	0 to +60	°C
Storage Temperature	-20 to +75	°C
Fiber Type	HI 1060 Fiber	--

\*Above specifications are for device without connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and optical power will be 2W lower.

## ORDERING CODES

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Type and Wavelength	Code	Handling Power	Code	Fiber Diameter	Code	Connector Type	Code
Single Stage	980 nm	3000mW	3000	250 μm	25	No Connector	NC
				900 μm	90	Others	XX