



Opto-Link  
Corporation Ltd

# Polarization Independent Isolators

(Wavelength: 1030nm)

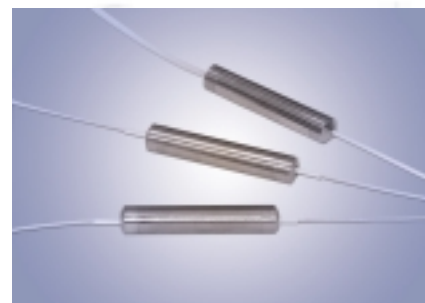
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low polarization dependent loss over the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

## Applications

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

## Features

- High Isolation
- Low PDL
- Environmentally Stable



## SPECIFICATIONS

High Power Polarization Independent Isolators (1030nm)

Parameter	Single Stage	Units
Center Wavelength	1030	nm
Min. Isolation	18	dB
Typ. Peak Isolation	20	dB
Insertion Loss	Typ. 1.2, Max. 1.5	dB
Min. Return Loss (Input/Output)	50/50	dB
Max. PDL	0.25	dB
Max. Optical Power (CW)	3000	mW
Operating Temperature	0 to +60	°C
Storage Temperature	-20 to +75	°C
Fiber Type	HI 1060 Fiber	--
Dimensions	Ø28 x 110 x 45	mm

\*Above specifications are for device without connectors.

## ORDERING CODES

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Type and Wavelength	Code	Handling Power	Code	Fiber Diameter	Code	Connector Type	Code
1030 nm	Single Stage	3000mW	3000	250 µm	25	No Connector	NC
				900 µm	90	Others	XX