



Opto-Link  
Corporation Ltd

# Polarization Independent Isolators

(Wavelength: 1020nm)

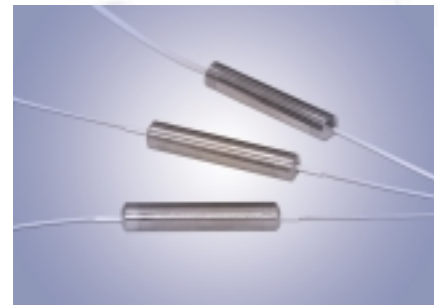
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low polarization dependent loss over the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

## Applications

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

## Features

- High Isolation
- Low PDL
- Environmentally Stable



## SPECIFICATIONS

Polarization Independent Isolators (1020nm)

Parameter	Single Stage	Dual Stage	Units
Center Wavelength	1020		nm
Min. Isolation	20	38	dB
Typ. Peak Isolation	22	42	dB
Insertion Loss	Typ. 3.3, Max. 4.2	Typ. 6.0, Max. 7.8	dB
Min. Return Loss (Input/Output)	50/50		dB
Max. PDL	0.2		dB
Max. Optical Power	30		mW
Operating Temperature	-5 to +50		°C
Storage Temperature	-40 to +85		°C
Fiber Type	HI 1060 Fiber		--
Dimensions	Ø5.5 x 55		mm

\*Above specifications are for device without connectors.

## ORDERING CODES

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Type and Wavelength	Code
Single Stage	S102
Dual Stage	D102

Handling Power	Code
30mW	30

Fiber Diameter	Code
250 μm	25
900 μm	90

Connector Type	Code
No Connector	NC
FC/UPC	FU
SC/UPC	SU
FC/APC	FA
SC/APC	SA
Others	XX