

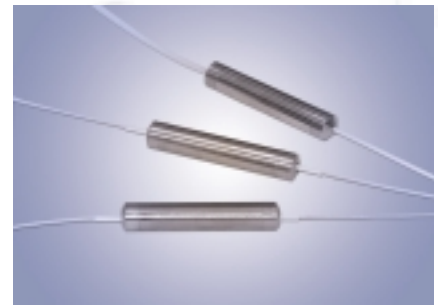


Opto-Link  
Corporation Ltd

# Polarization Independent Isolators

(Wavelength: 1620nm)

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
- Low Insertion Loss
- High Power

## SPECIFICATIONS

Polarization Independent Isolators (1620nm)

Parameter	Single Stage	Dual Stage	Units
Center Wavelength	1620		nm
Min. Isolation	32	46	dB
Typ. Peak Isolation	42	58	dB
Insertion Loss	Typ. 0.45, Max. 0.6	Typ. 0.6, Max. 0.8	dB
Max. PMD	0.2	0.05	ps
Min. Return Loss (Input/Output)	60/55		dB
Max. PDL	0.05		dB
Max. Optical Power	300		mW
Max. Tensile Load	5		N
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C

\*Above specifications are for device without connectors.

## ORDERING CODES

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Type and Wavelength	Code
Single Stage	S162
Dual Stage	D162

Handling Power	Code
300mW	300

Fiber Diameter	Code
250 $\mu$ m	25
900 $\mu$ m	90

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

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