



Opto-Link
Corporation Ltd

Polarization Independent Isolators

(Wavelength: 850nm)

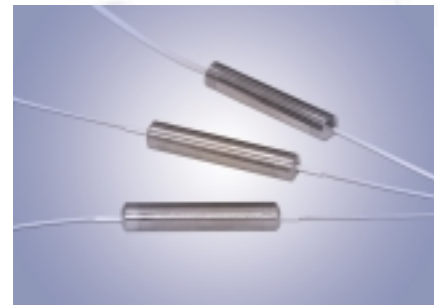
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low polarization dependent loss over the 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 (850nm)

Parameter	Single Stage	Units
Center Wavelength	850	nm
Min. Isolation at 23°C, All Polarization States	30	dB
Typ. Peak Isolation	32	dB
Typ. Insertion Loss at 23°C	1.0	dB
Max. Insertion Loss at 23°C	1.4	dB
Min. Return Loss (Input/Output)	50/50	dB
Max. PDL at 23°C	0.2	dB
Max. Optical Power (CW)	500	mW
Fiber Type	HI 780 Fiber	--
Max. Tensile Load	5	N
Operating Temperature	0 to +60	°C
Storage Temperature	-20 to +75	°C
Dimensions	86 x 28 x 27	mm

*Above specifications are for device without connectors.

ORDERING CODES

OLISO - I - [] - [] - [] - []

Type and Wavelength	Code	Handling Power	Code	Fiber Diameter	Code	Connector Type	Code
850 nm	Single Stage	S085	500 mW	500	250 μm	No Connector	NC
					900 μm	Others	XX

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