



Opto-Link
Corporation Ltd

Polarization Independent Isolators

(Wavelength: 1050nm)

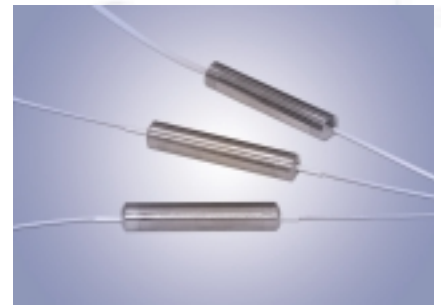
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low polarization dependent loss over the 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 (1050nm)

Parameter	Single Stage	Units
Center Wavelength	1050	nm
Min. Isolation	25	dB
Typ. Peak Isolation	32	dB
Insertion Loss	Typ. 2.8, Max. 3.2	dB
Min. Return Loss (Input/Output)	50/50	dB
Max. PDL	0.1	dB
Max. Optical Power	500	mW
Operating Temperature	0 to +50	°C
Storage Temperature	-20 to +75	°C
Fiber Type	HI 1060	--
Dimensions	Ø7.0 x 60	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
Single Stage	1050nm	500mW	500	250 µm	25	No Connector	NC
				900 µm	90	FC/UPC	FU
						SC/UPC	SU
						FC/APC	FA
						SC/APC	SA
						LC/UPC	LU
						ST/UPC	ST
						Others	XX

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