

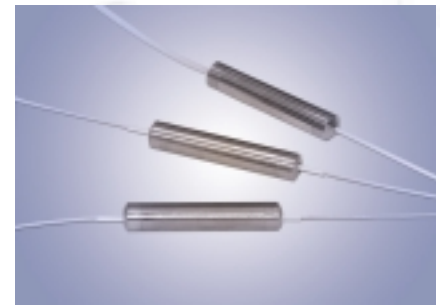


Opto-Link
Corporation Ltd

Polarization Independent Isolators

(Wavelength: 1270nm/1280nm)

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 (up to 3000mW)

SPECIFICATIONS

Polarization Independent Isolators (1270nm & 1280nm)

Parameter	Single Stage	Dual Stage	Units
Center Wavelength	1270, 1280		nm
Min. Isolation	25	44	dB
Typ. Peak Isolation	38	55	dB
Insertion Loss	Typ. 0.4, Max. 0.55	Typ. 0.5, Max. 0.65	dB
Max. PMD	0.2	0.05	ps
Min. Return Loss (Input/Output)	60/55		dB
Max. PDL	0.1		dB
Max. Optical Power	3000		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

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

Type and Wavelength	Code
Single Stage	S127
Dual Stage	D127

Handling Power	Code
300mW	300
1000mW	1000
3000mW	3000

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
LC/UPC	LU
ST/UPC	ST
Others	XX

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