



Polarization Independent Isolators

(Wavelength: 760nm)

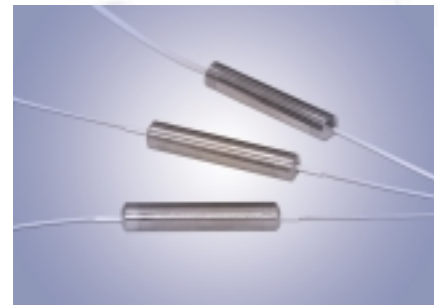
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low polarization dependent loss over the 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 (760nm)

Parameter	Single Stage	Units
Center Wavelength	760 +/-10	nm
Min. Isolation at 23°C, All Polarization States	22	dB
Typ. Peak Isolation	28	dB
Typ. Insertion Loss at 23°C	1.0	dB
Max. Insertion Loss at 23°C	1.3	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

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Type and Wavelength	Code	Handling Power	Code	Fiber Diameter	Code	Connector Type	Code
760 nm	Single Stage	500 mW	500	250 μm	25	No Connector	NC
				900 μm	90	Others	XX