



Polarization Independent Isolators

(Wavelength: 1064nm)

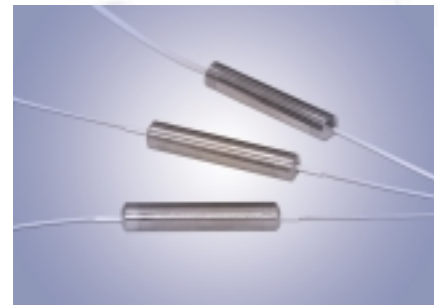
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low polarization dependent loss over the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

Applications

- DWDM Systems
- Fiber Optic Sensors
- EDFA
- CATV
- Laser Diode Package

Features

- High Isolation
- Low PDL
- Environmentally Stable



SPECIFICATIONS

High Power Polarization Independent Isolators (1064nm)

Parameter	Single Stage	Units
Center Wavelength	1064	nm
Min. Isolation at 23°C, All Polarization States	25	dB
Typ. Peak Isolation	30	dB
Typ. Insertion Loss at 23°C	1.7	dB
Max. Insertion Loss at 23°C	2.0	dB
Min. Return Loss (Input/Output)	50/50	dB
Max. PDL	0.1	dB
Max. Optical Power (CW)	10	W
Fiber Type	HI 1060 Fiber	--
Max. Tensile Load	5	N
Operating Temperature	0 to +60	°C
Storage Temperature	-20 to +75	°C
Dimensions	116 x 58 x 40	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
1064 nm	Single Stage	10W	10000	250 μm	25	No Connector	NC
				900 μm	90	Others	XX