



Opto-Link
Corporation Ltd

Polarization Maintaining Isolators

(Wavelength: 850nm)

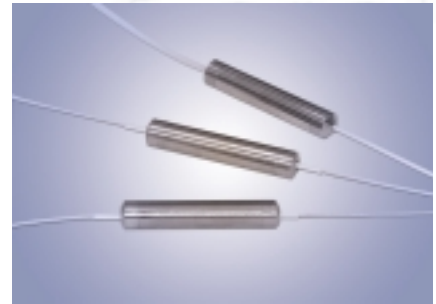
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low insertion loss over a wide wavelength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

Applications

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

Features

- High Power
- High Isolation
- Low Insertion Loss
- High Extinction Ratio
- Environmentally Stable



SPECIFICATIONS

Polarization Maintaining Isolators (850nm)

Parameter	Single Stage	Units
Center Wavelength	850	nm
Max. Extinction Ratio	20	dB
Typ. Peak Isolation	35	dB
Min. Isolation, 23°C, all polarization states	28	dB
Typ. Insertion Loss, 23°C	1.1	dB
Max. Insertion Loss, 23°C	1.5	dB
Min. Return Loss (Input/Output)	45/45	dB
Max. Optical Power (CW)	2	W
Max. Tensile Load	5	N
Fiber Type	PM 850 Panda Fiber	--

*Above specifications are for device without connectors.

ORDERING CODES

