



Opto-Link
Corporation Ltd

Polarization Dependent Free Space Isolator

(Wavelength: 1034nm)

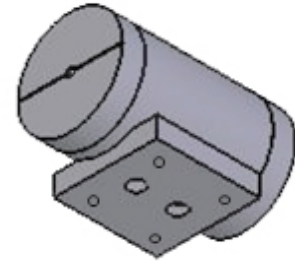
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low polarization dependent loss over the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

Applications

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

Features

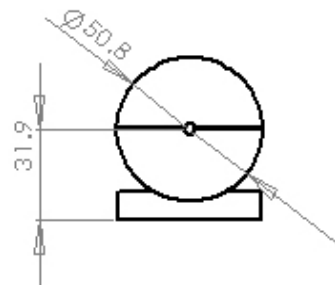
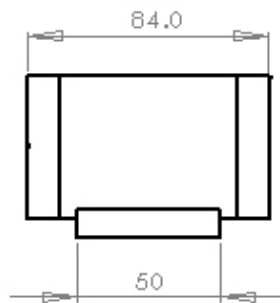
- High Isolation
- Low PDL
- Environmentally Stable
- Low Insertion Loss
- High Power



SPECIFICATIONS

Polarization Dependent Free Space Isolators (1034nm)

Parameter	Value	Units
Center Wavelength	1034	nm
Peak Isolation	38	dB
Min. Isolation, 23°C	27	dB
Typ. Insertion Loss	0.50	dB
Max. Insertion Loss	0.70	dB
Clear Aperture	3.0	mm
Max. Optical Power Density	500	W/cm ²
Max. Peak Power Density	200	MW/cm ²
Polarization Plane of Output	As Indicated	--



Tolerance: X.±1mm; X.X±0.5mm

ORDERING CODES

OLISO - PD - FS - -

Handling Power	Code
500 W/cm ²	500

Type and Wavelength	Code
1034nm	103