



Opto-Link  
Corporation Ltd

# Polarization Dependent Free Space Isolator

(Wavelength: 780nm)

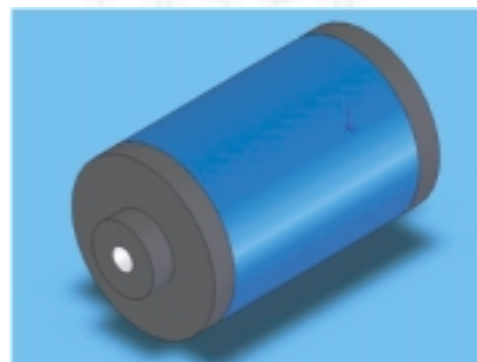
Fiber Optic Isolator allows light to travel through a fiber in one direction only. It minimizes back reflection and back scattering in the reverse direction for any state of polarization. The device has an epoxy-free optical path and provides high isolation with low polarization dependent loss over the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

## Applications

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

## Features

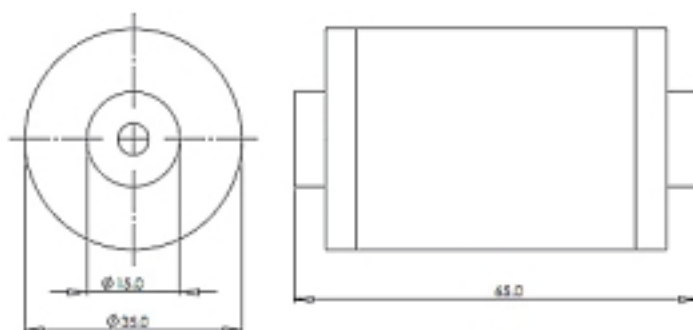
- High Isolation
- Low PDL
- Environmentally Stable
- Low Insertion Loss
- High Power



## SPECIFICATIONS

Polarization Dependent Free Space Isolators (780nm)

| Parameter                            | Value        | Units |
|--------------------------------------|--------------|-------|
| Center Wavelength                    | 780          | nm    |
| Bandwidth                            | +/-10        | nm    |
| Peak Isolation                       | >30          | dB    |
| Typ. Insertion Loss                  | 0.30         | dB    |
| Max. Insertion Loss                  | 0.40         | dB    |
| Clear Aperture                       | 2.5          | mm    |
| Max. Optical Power (Continuous Wave) | 300          | mW    |
| Polarization Plane of Input          | As Indicated | --    |
| Operating Temperature                | 0 to +60     | °C    |
| Storage Temperature                  | -40 to +85   | °C    |



## ORDERING CODES

OLISO - PD - [ ] - [ ]

| Handling Power | Code |
|----------------|------|
| 300mW          | 300  |

| Type and Wavelength | Code |
|---------------------|------|
| 780nm               | 078  |