Opto-Link
Corporation Ltd

# Optical Polarizer

The In-line Polarizer is designed to pass light with one specific polarization while blocking the other polarization. It can be used to convert unpolarized light into polarized light with high extinction ratio. It can also be used to enhance the extinction ratio of signals with its excellent polarization properties. It is ideal for high speed communication systems and test instrumentations where high polarization extinction ratio is required.

## Features

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- Optical Path Epoxy Free

## Applications

- Fiber Optic Amplifiers
- Fiber Optic Systems Testing
- Fiber Optic LAN Systems
- Telecommunications


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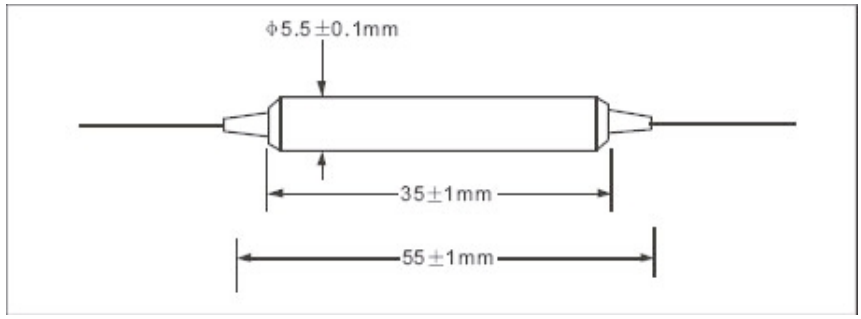
# SPECIFICATIONS

## Optical Polarizer

| Parameter | Values | Units |
|---|---|---|
| Center Wavelength | 1550 | nm |
| Operating Wavelength Range | 1300 to 1600 | nm |
| Insertion Loss at 23°C | (Typ) 0.5, (Max) 0.7 | dB |
| Extinction Ratio at 23°C | (Typ) 30, (Min) 25 | dB |
| Min. Return Loss | 50 | dB |
| Handling Power | 300 | mW |
| Operating Temperature | -5 to +70 | °C |
| Storage Temperature | -40 to +85 | °C |

*Above specifications are for device without connectors.

# PACKAGE DIMENSIONS




# ORDERING CODES

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| Wavelength | Code |
|---|---|
| 1300-1600nm | 136 |

| Fiber Size | Code |
|---|---|
| 250um Panda Fiber | 25 |
| 900um loose tube Panda Fiber | 90 |
| Others | XX |

| Fiber Type (input/output) | Code |
|---|---|
| SM fiber/PM fiber | SM/PM |
| PM fiber/PM fiber | PM/PM |

| Connector Type | Code |
|---|---|
| FC/UPC | FU |
| FC/APC | FA |
| SC/UPC | SU |
| SC/APC | SA |
| No Connector | NC |


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