



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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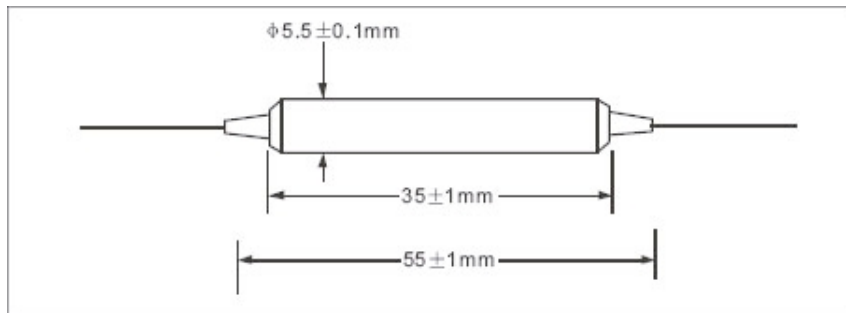
## SPECIFICATIONS

### Optical Polarizer

Parameter	Values	Units
Center Wavelength	1550	nm
Operating Wavelength Range	+/-50	nm
Insertion Loss at 23°C	(Typ) 1.0, (Max) 1.2	dB
Extinction ratio at 23°C	(Typ) 30, (Min) 28	dB
Min. Return Loss	50	dB
Fiber Type	Fibercore HB1500G	--
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
1550nm	155

Fiber Size	Code
165um Panda Fiber	16
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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