

# In-line Polarizer



## Features

High Extinction Ratio  
Low Insertion Loss  
High Return Loss

## Applications

Communication Systems  
Test Instrumentations  
Fiber Sensors  
Research

## Specifications

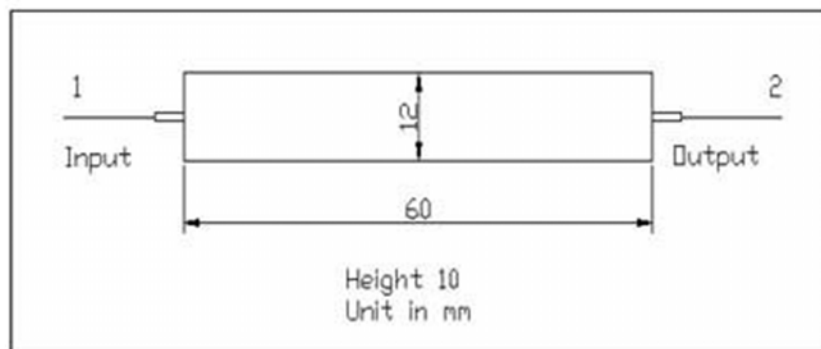
Parameters	Unit	Values
Center Wavelength	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	±50
Typ. Insertion Loss at 23°C	dB	0.3
Max. Insertion Loss at 23°C	dB	0.5
Min. Return loss	dB	50
Typ. Extinction ratio at 23°C	dB	30
Min. Extinction ratio at 23°C	dB	28
Max. Optical Power (CW)	W	3
Max. Tensile Load	N	5
Fiber Type		PM Panda Fiber or SMF-28e
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

\*Above specifications are for devices without connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

\*The PM fiber and the connector key are aligned to the slow axis.

## Package Dimensions



## Ordering information

ILP-①①-②②-③③-④④-⑤

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

SS - Specify

③③: Fiber Jacket on Port 1 & 2

B - 250um Bare Fiber

D - 400um Bare Fiber

L - 900um Loose Tube

S - Specify

④④: Fiber Type on Port 1 & 2

1 - PM Panda Fiber

2 - SMF-28e Fiber

⑤: Fibre Length

0.8 - 0.8m

S - Specify

②②: Connector Type on Port 1 & 2

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify