

# 1064nm In-line Polarizer

## Features

High Extinction Ratio  
 Low Insertion Loss  
 High Return Loss

## Applications

Communication Systems  
 Test Instrumentations  
 Fiber Lasers  
 Sensors

## Specifications

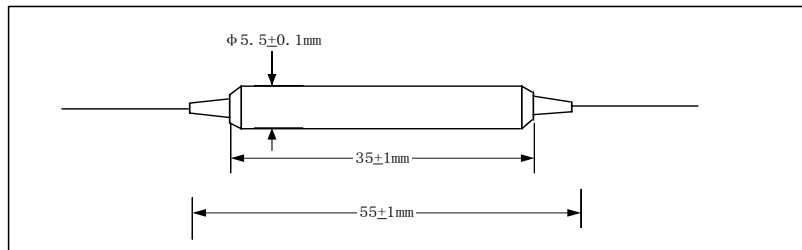
Parameters	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	$\pm 30$
Typ. Insertion Loss at 23°C	dB	0.4
Max. Insertion Loss at 23°C	dB	0.6
Min. Return Loss	dB	50
Typ. Extinction Ratio at 23°C	dB	30
Min. Extinction Ratio at 23°C	dB	28
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
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

AILP-①①-②②-③③-④④-⑤⑤

①①: Wavelength

06 - 1064nm

SS - Specify

②②: Connector Type on Port 1 & 2

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

③③: Fiber Jacket on Port 1 & Port 2

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

④④: Fiber Type on Port 1 & 2

1 - PM 980 Panda Fiber

2 - HI 1060 Fiber

⑤⑤: Fiber Length

0.8 - 0.8m

S - Specify