

1310,1480,1550nm In-line Polarizer

Feathure

High Extinction Ratio
 Low Insertion Loss
 High Return Loss

Application

Communication Systems
 Test Instrumentations
 Fiber Lasers
 Sensors

Specification

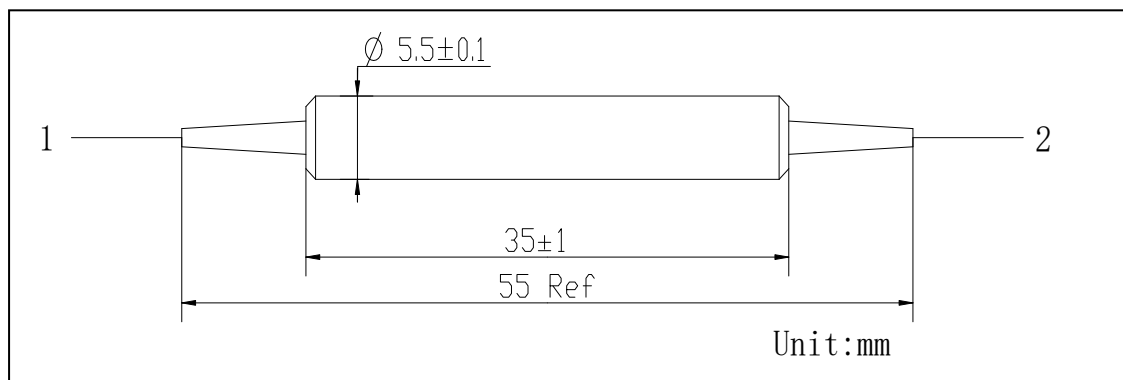
Parameters	Unit	Values
Center Wavelength	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	±50
Typ. Insertion Loss at 23°C	dB	0.3
Max. Insertion Loss at 23°C	dB	0.5
Min. Return loss	dB	50
Typ. Extinction Ratio at 23°C (Input to Output)	dB	30
Min. Extinction Ratio at 23°C (Input to Output)	dB	28
Min. Extinction Ratio at 23°C (Output to Input)	dB	23(Only for PM Fiber on Input Port)
Min.PDL(Only for SMF on all ports)@23°C	dB	25
Max. Optical Power (CW)	mW	500 (Based on proper polarization alignment)
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 connector key are aligned to the slow axis.

Package Dimensions



Ordering information

IDPILP-①①-②②-③③-④④-⑤

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

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 & 2

B - 250um

Bare Fiber

D - 400um

Bare Fiber

L - 900um

Loose Tube

S - Specify

⑤: Fibre Length

0.8 - 0.8m

S - Specify

④④: Fiber

Type on Port 1
& 2

1 - PM Panda
Fiber

2 - SMF-28e
Fiber