

Optizone High Power In-line Polarizer 1310nm, 1480nm or 1550nm

Features

- High Extinction Ratio
- Low Insertion Loss
- High Return Loss

Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensors
- Research

Specifications

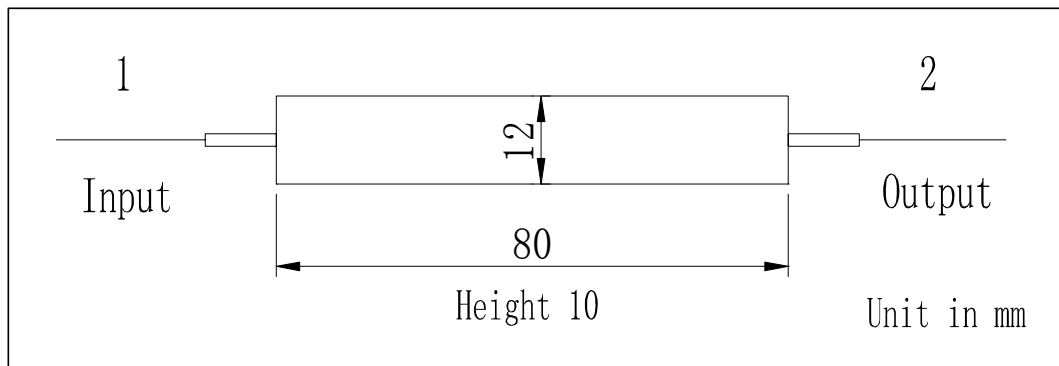
Parameters	Unit	Values
Center Wavelength	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	±50
Typ. Insertion Loss at 23°C	dB	0.3
Max. Insertion Loss at 23°C	dB	0.5
Min. Return loss	dB	50
Typ. Extinction ratio at 23°C (Input to Output)	dB	30
Min. Extinction ratio at 23°C (Input to Output)	dB	28
Min. 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)	W	1, 3, 5,10 or Specify
Max. Peak Power for ns Pulse	kW	10
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,can only handle 1W (CW) power.

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

Package Dimensions



Ordering information

HILP-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