

**Features**

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

**Applications**

- Communication Systems
- Test Instrumentations
- Fiber Lasers
- Sensors

**Specifications**

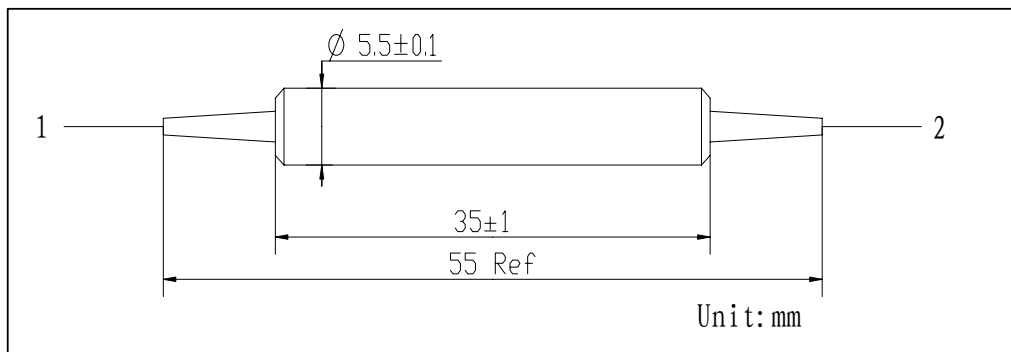
Parameters	Unit	Values
Center Wavelength	nm	850
Operating Wavelength Range	nm	± 20
Typ. Insertion Loss at 23°C	dB	0.8
Max. Insertion Loss at 23°C	dB	1.0
Min. Return Loss	dB	50
Typ. Extinction Ratio at 23°C (Input to Output)	dB	30
Min. Extinction Ratio at 23°C (Input to Output)	dB	28
Min. Extinction Ratio at 23°C (Output to Input)	dB	21 (Only for PM Fiber on Input Port)
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 0.5dB 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: Center Wavelength  
 85 - 850nm  
 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 850 Panda Fiber  
 2 - HI 780 Fiber

⑤: Fiber Length  
 0.8 - 0.8m  
 S - Specify