Optizone In-line Polarizer

Features

High Extinction Ratio
Low Insertion Loss
High Return Loss

Applications

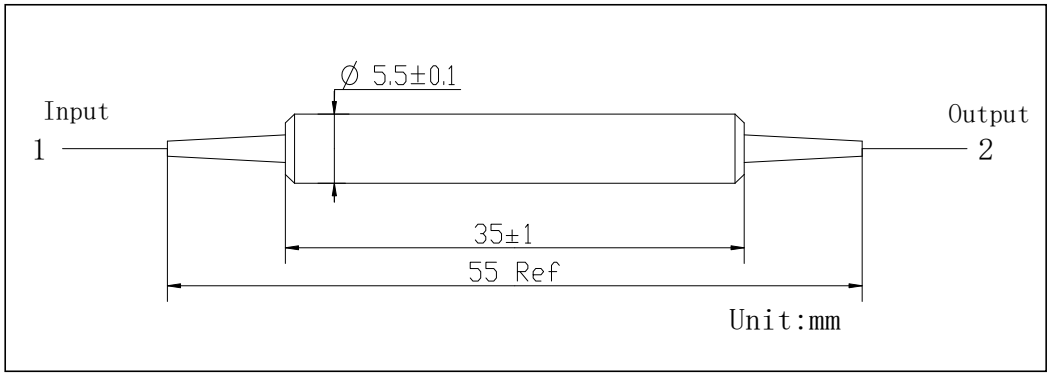
Communication Systems
Test Instrumentations
Fiber Sensors
Research

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（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 the connector key are aligned to the slow axis.
*The material must be RoHS compliant.

Package Dimensions



Ordering information

ILP-①①①①-②-③③-④④-⑤-⑥-⑦

①①①①: Wavelength
1550 - 1550nm
S - Specify

②: Handing Power
0.5 - 0.5W

③③: Connector Type on Port 1 & 2
1A - FC/UPC
2A - FC/APC
3D - SC/UPC
4D - SC/APC
N - None
S - Specify

④④: Fiber Jacket on Port 1 & 2
B - 250um Bare Fiber
C - 900um Red Loose Tube
F - 900um White Loose Tube
S - Specify

⑤: Fiber Type on Port 1 & 2
3B - Fiber PM-55-025-B
8 - Fiber SM-55-025-B
S - Specify

⑥: Fibre Length
0.8 - 0.8m
S - Specify

⑦: Package Type
01 - Ø5.5×35