Optizone 2000nm In-line Polarizer

Features

High Extinction Ratio
Low Insertion Loss
High Return Loss
High Reliability

Applications

Communication Systems
Test Instrumentations
Fiber Sensors
Research

Specifications

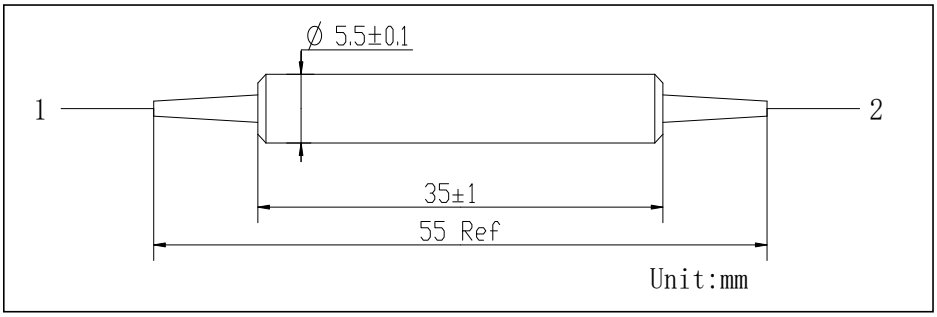
Parameters	Unit	Values	
Center Wavelength	nm	2000	
Operating Wavelength Range	nm	±50	
Typ. Insertion Loss at 23°C	dB	0.6	0.8
Max. Insertion Loss at 23°C	dB	0.8	1.0
Min. Return Loss	dB	50	
Typ. Extinction ratio at 23°C	dB	28	
Min. Extinction ratio at 23°C	dB	25	
Min.PDL(Only for SMF on all ports)@23°C	dB	22	
Max. Optical Power (CW)	mW	500 (Based on proper polarization alignment)	
Max. Tensile Load	N	5	
Fiber Type	-	SMF-28e Fiber or PM 1550 Fiber	SM 1950 Fiber or PM 1950 Fiber
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

ILP-①-②②-③③-④-⑤-⑥

①: Wavelength
2000 - 2000nm
S - Specify

②②: Connector Type on Port 1 & 2
1A - FC/UPC
2A - FC/APC
3D - SC/UPC
4D - SC/APC
N - None
S - Specify

③③: Fiber Jacket on Port 1 & 2
B - Bare Fiber
C - 900um Red Loose Tube
F - 900um White Loose Tube
S - Specify

④④: Fiber Type on Port 1 & 2
8 - SMF-28e Fiber
3B - PM 1550 Fiber
F5 - SM 1950 Fiber
B10 - PM 1950 Fiber
S - Specify

⑤: Fibre Length
0.8 - 0.8m
S - Specify

⑥: Package Type
01 - Ø5.5×35