

2000nm Online Polarizer (SMF-28e FC/UPC)



● Product Description

2000nm In-line Polarizer is designed to pass specified polarized light and block other polarized light. Its function is to convert non-polarized light into linear polarized light to achieve high extinction rate.

● Part Number

ILP-20-11-11-LL-0.8

● Product features

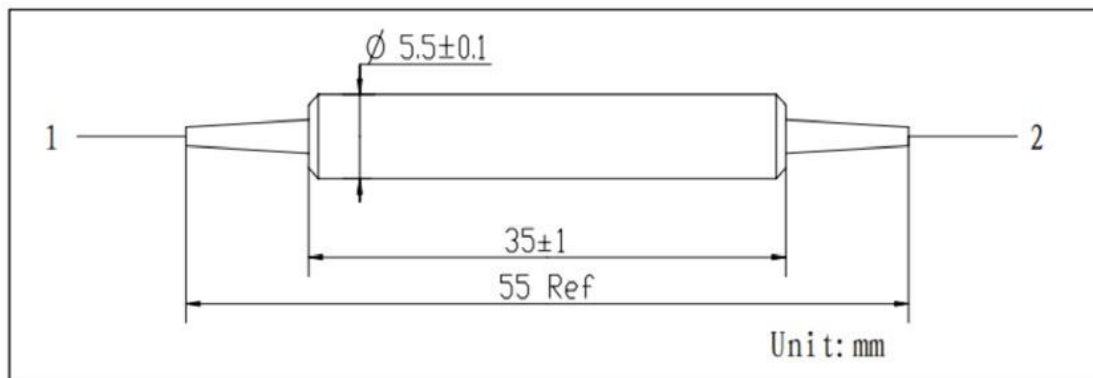
High extinction ratio、 Low insertion loss、 High return loss、 High reliability

● Application area

Communication systems、 Test equipment、 Fiber optic sensors、 Research

Parameters

Dimensional Drawing



Parameters

Parameters	Unit	Values	
Center wavelength	nm	2000	
Operating wavelength range	nm	± 50	
Typ. Insertion loss @ 23 ° C	dB	0.6	0.8
Max. Insertion loss @ 23 ° C	dB	0.8	1.0
Min. Return loss	dB	50	
Typ. Extinction ratio @ 23 ° C	dB	28	
Min. Extinction ratio @ 23 ° C	dB	25	
Min. PDL (only for SM fiber in all ports) @ 23 ° C	dB	22	
Max. Optical power (CW)	mW	500 (Based on correct 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	

*The 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.

*PM fiber and connector keys are aligned with the slow axis.

Order Info:

ILP-①①-②②-③③-④④-⑤

①①:Wavelength

20-2000nm

SS-Specify

②②:Fiber Type on Port 1&2

1-SMF-28e Fiber

2-SM 1950 Fiber

3-PM 1550 Fiber

4-PM 1950 Fiber

S-Specify

③③:Connector Type on Port 1&2

1-FC/UPC

2-FC/APC

3-SC/UPC

4-SC/APC

N-None

S-Specify

④④:Fiber Jacket on Port 1&2

B-250um Bare Fiber

L-900um Loose Tube

S-Specify

⑤:Fibre Length

0.8-0.8m

S-Specify.