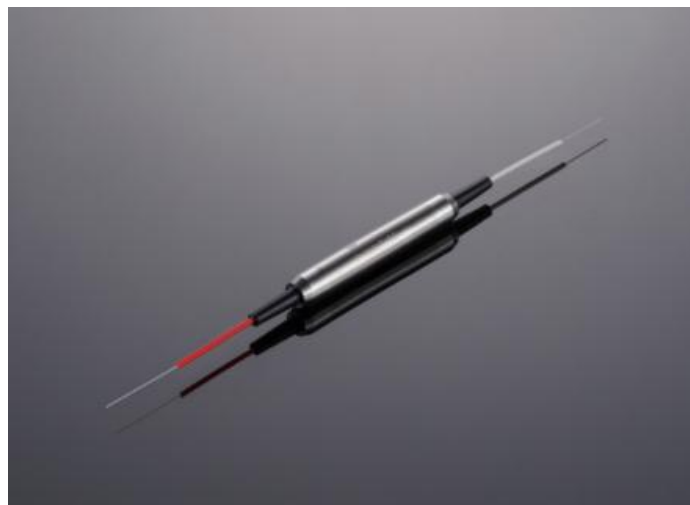


2000nm Online Polarizer (SMF-28e FC/UPC)



- **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.

- **Product features**

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

● Part Number

MP-ILP-2000-500-FA-L

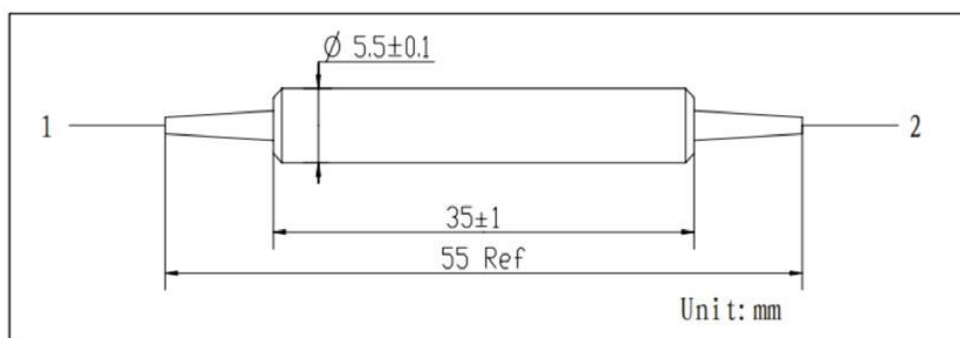
● Application area

Communication systems、 Test equipment、 Fiber optic sensors、 Research

● Core parameters

Center wavelength
2000nm

● Dimension Drawing



● General Parameters

Main 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:****MP-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