

473nm Polarization-Maintaining Fiber

Polarizer 50mW



- **Product Description**

473nm Polarization-Maintaining Fiber Polarizer (In-line Polarizer)

- **Product features**

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

● Part Number

MP-ILP-473-50-FA-L

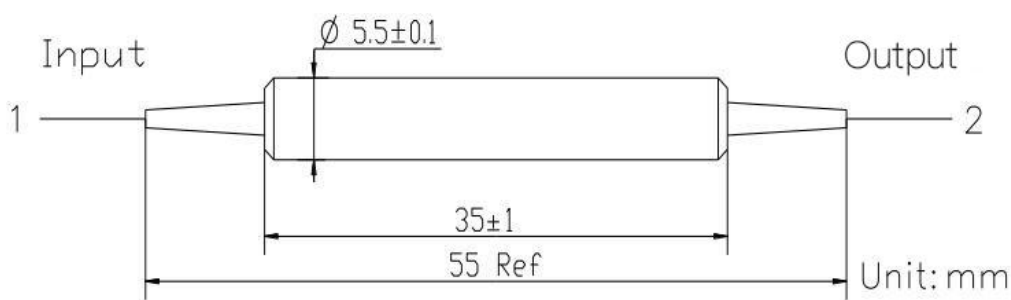
● Application area

Communication system 、 Testing equipment 、 Fiber Optic Sensor 、
Research

● Core parameters

Wavelength	Insertion Loss
473nm	2dB

● Dimension Drawing



● General Parameters

PARAMETER	UNIT	Values
Central wavelength	nm	473
Working wavelength range	nm	± 10
Typ. Insertion loss at 23°C (Proper S OP)	dB	2
Max. Insertion Loss at 23°C (Proper SOP)	dB	2.4
Min. Return Loss	dB	50
Typ. Extinction ratio at 23°C	dB	25
Min. Extinction Ratio (Input to Output) at 23°C	dB	23
Min. Extinction Ratio (Output to Input) at 23°C	dB	20
Min. PDL at 23°C (applicable only to SM fibers at all ports)	dB	20
Max. optical power (CW, Proper SOP)	mW	10, 50 or specify
Max. tensile load	N	5
Operating temperature	°C	-5 to +50
Storage temperature	°C	-40 to + 85

*The above specifications apply to devices without connectors.

*For devices with connectors, IL will be 1.5dB higher, RL will be 5dB lower, and ER will be 2dB lower.

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

*The material must be RoHS compliant.



Ordering Info

ILP-①①①-②-③③-④④-⑤-⑥-⑦

①①①: Wavelength

460 - 460nm

S - Specify

②: Handling Power

0.01 - 0.01W

S - Specify

③③: Connector Type on Port 1 & 2

1B - FC/UPC

2B - FC/APC (Step)

3B - SC/UPC

4B - SC/APC (Step)

N - None

S - Specify

④④: Fiber Jacket on Port 1 & 2

B - Bare Fiber

C - 900um Red Loose Tube

F - 900um White Loose Tube

S - Specify

⑤: Fiber Type on Port 1 & 2

E8 - Fiber Nufern PM460

S - Specify

⑥: Fibre Length

1 - 1m

S - Specify

⑦: Package Type

01 - Ø5.5×35