

671nm PM Fiber Polarizer 100mW



- **Product Description**

671nm Polarization-Maintaining Fiber Polarizer (In-line Polarizer)

- **Product features**

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

- **Part Number**

MP-ILP-671-100-FA-L

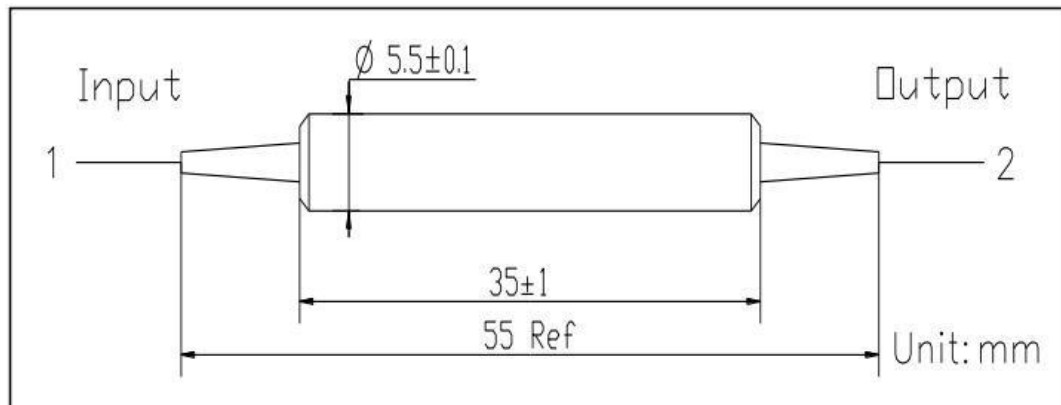
● Application area

Communication system 、 Testing equipment 、 Fiber Optic Sensor 、
 Research

● Core parameters

Wavelength	Insertion Loss
671nm	1.8dB

● Dimension Drawing



● General Parameters

PARAMETER	UNIT	Values
Central wavelength	nm	671
Working wavelength range	nm	± 20
Typ. Insertion loss	dB	1.8
Max. Insertion Loss	dB	2
Min. Return Loss	dB	50
Typ. Extinction rate	dB	26



PARAMETER	UNIT	Values
Min. Extinction Ratio (Input to Output)	dB	24
Min. Extinction Ratio (Output to Input)	dB	20
Min. PDL (only for SM fiber in all ports)	dB	18
Max. Optical Power (CW)	mW	100 (only for Splitter)
Max. tensile load	N	5
Fiber Type		Nufern PM460-HP or Nufern 460-HP Fiber
Operating temperature	°C	-5 to +70
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.

*Material must be RoHS compliant.

Ordering Info

ILP-①①-②②-③③-④④-⑤

①①: Wavelength	②②: Connector Type on Port 1& 2	③③: Fiber Jacket on Port 1& Port 2	⑤: Fiber Length
532 - 532nm	1- FC/UPC	B - Bare Fiber	1 - 1.0m
630 - 630nm	2- FC/APC	L - 900um Loose Tube	S - Specify
S - Specify	3- SC/UPC	S - Specify	
	4- SC/APC		



	N - None S - Specify	④④: Fiber Type on Port 1 & 2	
		1 - Nufern PM 460-HP Fiber	
		2 - Nufern 460-HP Fiber	
		3 - Nufern PM 630-HP Fiber	
		4 - Nufern 630-HP Fiber	