

In-line Polarizer at 2000 nm

Model #: ILP

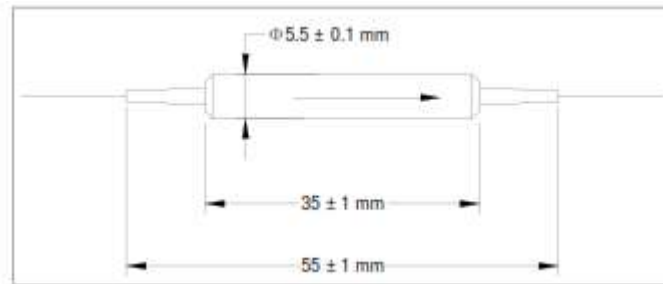
Description: In-line polarizer at 2000 nm

Application: Communication system, fiber amplifier, fiber laser, fiber sensor, measurement and test instrument, etc.

Specifications:

Parameter	Unit	Specifications
Wavelength Range	nm	2000 +/- 30
Maximum Insertion Loss, 23°C	dB	1.0
Typ. Insertion Loss, 23°C	dB	0.8
Min. Return Loss	dB	50
Mi. Polarization Extinction Ratio	dB	20
Max. Optical Power (CW)	mW	300
Fiber Type		SMF-28 or PM 1550 Panda fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 85
Dimension (mm)		5 (D) x 35 (L)

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL and 2 dB lower ER. Keying to slow axis.



Ordering Information:

Beam Combiner ILP-AA-B-C-D-E

AAAA: wavelength	B: connector type	C: fiber jacket	D: fiber type (input / output)	E: fiber length
2000 – 2000 nm	1 - FC/UPC	B - 250µm Panda fiber	1 – PM/PM	Q-0.75m
XXXX - other	2 - FC/APC	L - 900 µm loss tube	2 – SMF/PM	X-other
	3 - SC/UPC	X - other	3 – SMF/SMF	
	4 - SC/APC			
	N - none			
	X - other			