

## In-line Polarizer

Model #: ILP

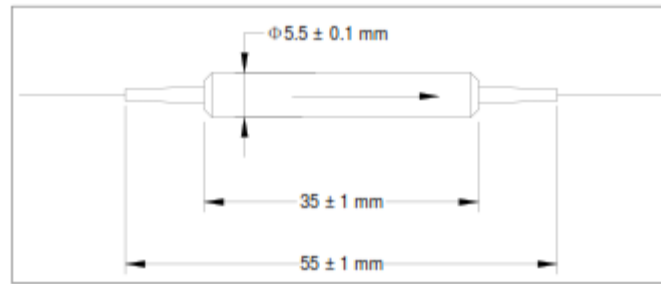
Description: In-line polarizer

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

### Specifications:

Parameter	Unit	Specifications
Wavelength Range	nm	1550, 1480 or 1310 +/- 50
Maximum Insertion Loss	dB	0.5
Typ. Insertion Loss	dB	0.3
Min. Return Loss	dB	50
Mi. Polarization Extinction Ratio	dB	28 (Typ. 30)
Max. Optical Power (CW)	mW	300
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 80
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**

AA: wavelength	B: connector type	C: fiber jacket	D: fiber type (input / output)	E: fiber length
31 - 1310	1 - FC/UPC	B - 250 $\mu$ m Panda fiber	1 - PM/PM	Q-0.75m
48 - 1480	2 - FC/APC	L - 900 $\mu$ m loss tube	2 - SMF/PM	X-other
55 - 1550	3 - SC/UPC		3 - SMF/SMF	
XX - other	4 - SC/APC			
	N - none			
	X - other			