

In-line Polarizer with Reduced Cladding Fiber

Model #:RCILP

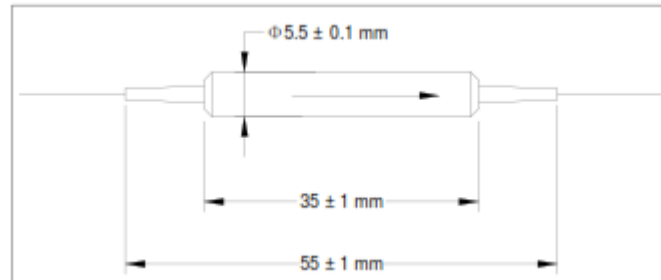
Description: In-line polarizer with Reduced Cladding Fiber

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

Specifications:

Parameter	Unit	Specifications
Wavelength Range	nm	1550 +/- 50
Maximum Insertion Loss	dB	0.7
Typ. Insertion Loss	dB	0.4
Min. Return Loss	dB	50
Mi. Polarization Extinction Ratio	dB	25 (Typ. 28)
Max. Optical Power (CW)	mW	300
Fiber Type		RC SMF-28 or RC Panda PM fiber (MFD 9.5 μ m)
Operating Temperature	$^{\circ}$ C	-5 to +70
Storage Temperature	$^{\circ}$ 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

AA: wavelength	B: fiber jacket	C: fiber type (input / output)	D: fiber length
55 - 1550	B – 170 μ m Panda fiber	1 – PM/PM	Q-0.75m
XX - other	L - 900 μ m loss tube	2 – SMF/PM	X-other
		3 – SMF/SMF	