

In-line Polarizer

Features

Low insertion loss
High extinction ratio
High stability & Reliability

Applications

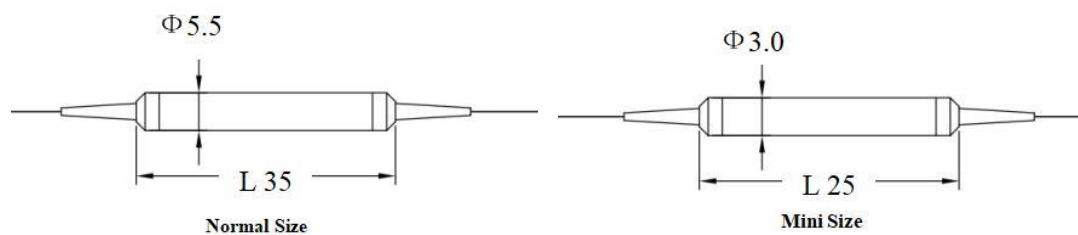
Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter	In-line Polarizer						Unit
Center wavelength	630	850	980	1064	1310	1550	nm
Operating bandwidth	±20	±20	±20	±40	±50	±50	nm
Insertion loss	≤1.3	≤1.0	≤0.8	≤0.6	≤0.5		dB
Extinction ratio @23°C	≥24	≥25	≥25	≥28	≥28		dB
Return loss	≥50						dB
Fiber type	Option1: PMF- PMF Option2: SMF - PMF Option3: SMF – SMF						/
Handling power	≤300				≤500		mW
Operating temperature	-5~70						°C
Storage Temperature	-40~85						°C
Dimensions	Φ5.5×L35 or Φ3.0×L25						mm

* For option2 and option3, all of Insertion Loss should plus 3.0dB when launching circular polarized light;

** IL is 0.3dB (1310~1550nm) or 0.50dB (980~1060) or 0.80dB (780~850) or 1.50dB (630) higher, RL is 5dB lower and ER is 2dB (1310~1550nm, 980~1060nm) or 3dB (780~850nm, 630nm) lower for each connector added. The default connector key is aligned to slow axis.

Mechanical Dimension



Ordering Information

specification	GCILP
Package	5.5× 35 etc
Connector	FC/UPC, FC/APC etc
Fiber Code	Specify
Pigtail Type	0=250μm, 1=900μm, 4=others
Operating Wavelength	1550nm etc