



In-line Polarizer

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Operating Wavelength	1310, 1480 or 1550nm
Bandwidth	30 or wider upon request
Insertion Loss @ 23°C	Typ.: 0.40dB Max.: ≤ 0.60dB
Extinction Ratio @ 23°C	Typ.: 30dB Min.: ≥ 25dB
Return Loss	≥ 50dB
Optical Power	≤ 300mW
Operating Temperature	- 5to +70°C
Storage Temperature	- 40 to +85°C
Package Dimensions	A=Standard, Ø 5.5 x L34 for 250um fiber Ø 5.5 x L38 for 900um fiber

FEATURES

- Low Insertion loss
- High Return loss
- High Extinction Ratio
- Epoxy Free Optical Path

APPLICATION

- PM Test Systems
- Laboratory

Note:

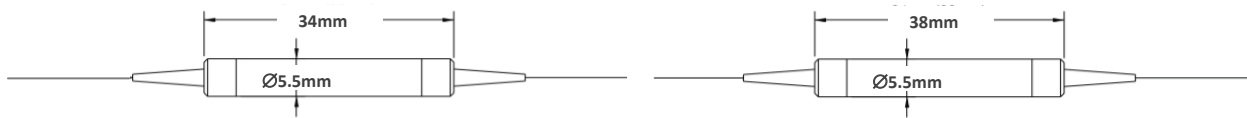
1. The PM fiber and the connector key are aligned to the slow axis.
2. The ER is for PM fiber ≤ 0.75m. Increasing fiber length can decrease the ER.
3. For devices with connectors, insertion loss will be 0.3dB higher, return loss will be 5dB lower, and extinction loss will be 2dB lower.

All values referenced are without connector.

In-line Polarizer

MECHANICAL DIMENSIONS

A Package



PORT CONFIGURATIONS



ORDERING INFORMATION

ILP	Operating Wavelength	Package	Fiber Type (Input-Output)	Pigtail Style	Fiber Length	In Connector	Out Connector	Working Axis
	31=1310 nm	A= A package	1= SMF-PM	1=Bare fiber	05=0.5m	0= None	0= None	S=Slow axis
	48=1480nm		2=PM-PM	2=900um	07=0.75m	1= FC/APC	1= FC/APC	F=Fast axis
	55=1550 nm		3=SMF-SMF	loose tube	10=1.0m	2= FC/PC	2= FC/PC	
					.	3= SC/APC	3= SC/APC	
					.	4= SC/PC	4= SC/PC	
						5= ST	5= ST	
						6= LC/UPC	6= LC/UPC	
						7= LC/APC	7= LC/APC	