


## In Line Polarizer

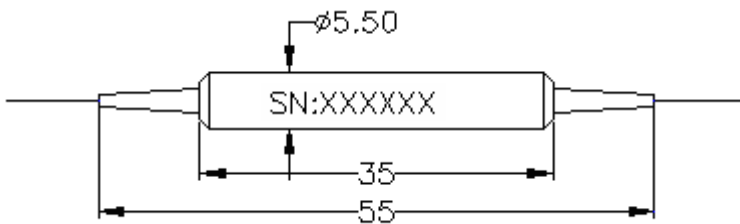
<b>Features</b>	
Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability	
<b>Application</b>	
Fiber Laser Fiber Senso Fiber Amplifier/Telecommunication	

### Specifications

Parameter \ Type	Value			
Center wavelength (nm)	1310, 1550	1064	980	780,850
Bandwidth (nm)	±50	±30	±10	±10
Typ. Insertion Loss at 23°C (dB)	0.30	0.40	0.7	0.8
Insertion Loss at 23°C (dB)	≤0.50	≤0.60	≤0.9	≤1.0
Typ. Extinction Ratio 23°C (dB)	30	30	28	28
Extinction Ratio 23°C (dB)	≥28	≥28	≥25	≥25
Fiber Type	PM1310,PM1550 SMF-28e	PM980 or HI1060	PM980 or HI1060	PM850 or HI780
Return loss (dB)	≥50	≥50	≥50	≥50
Power handling (mW, CW)	≤300	≤300	≤300	≤300
Axis Alignment	Slow Axis working , Fast Axis blocked (Default) Fast Axis working, slow axis blocked ( Available)			
Operating temperature (°C)	-5~+50			
Storage temperature (°C)	-40 ~ +80			
Dimensions (mm)	φ5.5×L35			

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis.

### Package Dimensions



### Ordering Information

ILP	Wavelength	Pigtail Type	Fiber Type	Length	Connector
	780	0=250um bare fiber	1=PM -PM	0.8= 0.8m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other
	850	1=900um loose tube	2=SM- PM		
	980	3=3mm loose tube	3=SM-SM		
	1064				
	1310				
	1550				