

## In Line Polarizer

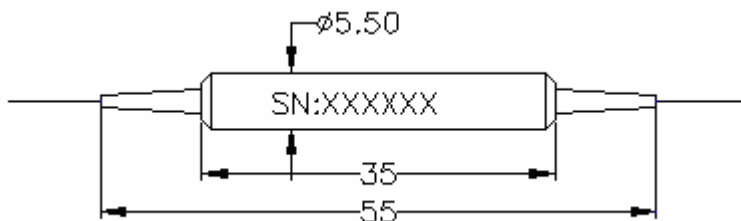
<b>Features</b>	
Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability	
<b>Application</b>	
Fiber Optical Instrument Fiber Sensor	

### Specifications

Parameter	Type	Value			
	Center wavelength (nm)		1310, 1550	1064	980
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)		≤300	≤100	≤100	≤100
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
	850 980 1064 1310 1550	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=PM -PM 2=SM- PM 3=SM-SM	0.8= 0.8m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other