

## 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

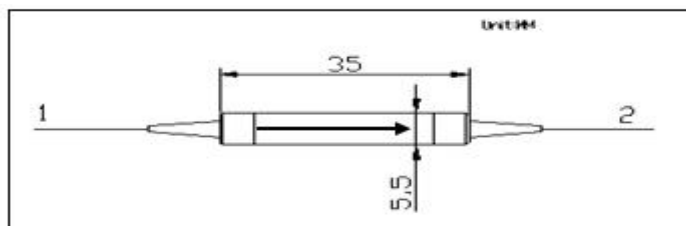
### Specifications

Parameter \ Type	Value				
Center wavelength (nm)	1310,1550	1030, ,1064	980	780,850	630
Bandwidth (nm)	±50	±30	±10	±10	±10
Typ. Insertion Loss at 23°C (dB)	0.30	0.40	0.7	0.8	1.3
Insertion Loss at 23°C (dB)	≤0.50	≤0.60	≤0.9	≤1.0	≤1.5
Typ. Extinction Ratio 23°C (dB)	30	30	28	28	26
Extinction Ratio 23°C (dB)	≥28	≥28	≥25	≥25	≥24
Fiber Type	PM1310,PM1550 SMF-28e	PM980 HI1060	PM980 HI1060	PM850 HI780	PM630 SM630
Return loss (dB)	≥50				
Power handling (CW) (mW)	≤300				
Operating temperature (°C)	-5~+70				
Storage temperature (°C)	-40 ~ +85				
Dimensions (mm)	φ5.5×L35(P0),φ3.6×L30(P1)				

\*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	00	Package	Fiber Type on port1 & port2	Pigtail Type	Length	Connector
	0630=630 0780=780nm 0850=850nm 0980=980nm 1030=1030nm 1064=1064nm 1310=1310nm 1550=1550nm	00	0=φ5.5×L35mm S=Specify	11=PM fiber on port1 & port2 12=PM fiber on port1, non PM fiber on port2 21=non PM fiber on port1, PM fiber on port2 22= non PM fiber on port1 & port2.	1=250um bare fiber 2=900um loose tube S=Specify	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify