

In Line Polarizer

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

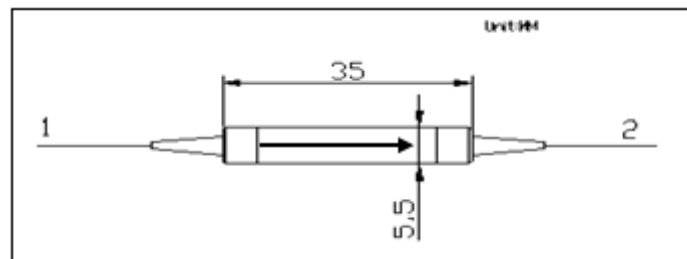
Specifications

Parameter \ Type	Value			
Center wavelength (nm)	1310, 1550	1030,1064	980	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	≥26	≥25
Fiber Type	PM1310,PM1550 SMF-28e	PM980 HI1060	PM980 HI1060	PM850 HI780
Return loss (dB)	≥50			
Power handling (CW) (mW)	≤300			
Operating temperature (°C)	-5~+70			
Storage temperature (°C)	-40 ~ +85			
Dimensions (mm)	φ5.5×L35(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	000	Fiber Type on port1&port2	Pigtail Type	Length	Connector
	0850=850nm 0980=980nm 1030=1030nm 1064=1064nm 1310=1310nm 1550=1550nm		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 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC