


In Line Polarizer

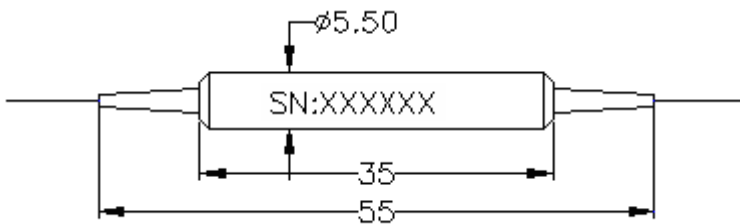
Features	
Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability	
Application	
Fiber Laser Fiber Senso Fiber Amplifier/Telecommunication	

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				