


In Line Polarizer

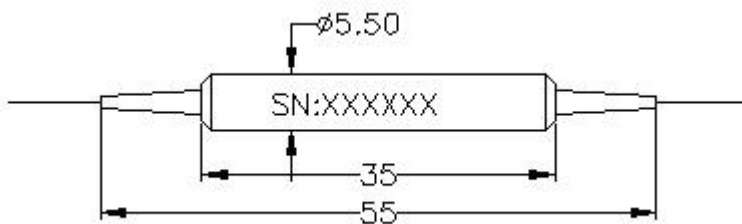
Features	
Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability	
Application	
Fiber Laser Fiber Sensor Fiber Amplifier/Telecommunication	

Specifications

Parameter \ Type	Value					
Center wavelength (nm)	1310, 1550	1064	980	780,850	630	1950
Bandwidth (nm)	±50	±30	±10	±10	±10	±50
Typ. Insertion Loss at 23°C (dB)	0.30	0.40	0.7	0.8	1.0	0.40
Insertion Loss at 23°C (dB)	≤0.50	≤0.60	≤0.9	≤1.0	≤1.5	≤0.60
Typ. Extinction Ratio 23°C (dB)	30	30	28	28	28	30
Extinction Ratio 23°C (dB)	≥28	≥28	≥25	≥25	≥24	≥28
Fiber Type	PM1310,P M1550 SMF-28e	PM980 or HI1060	PM980 or HI1060	PM850 or HI780	PM630 or SM630	PM15 50 SMF- 28e
Return loss (dB)	≥50	≥50	≥50	≥50	≥50	≥50
Power handling (mW, CW)	≤300	≤300	≤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
	630	0=250um bare fiber	1=PM -PM	5=0.5m	NE=None
	780	1=900um loose tube	2=SM- PM	7=0.7m	FA=FC/APC
	850	3=3mm loose tube	3=SM-SM	8=0.8m	FC=FC/UPC
	980			1=1m	SA=SC/APC
	1064				SC=SC/UPC
	1310				XX=Other
	1550				
	1950				