



In Line Polarizer

Features	Applications
High Reliability High Extinction Ratio Low Insertion Loss	Fiber Sensor Test Instrumentations Research Communication System

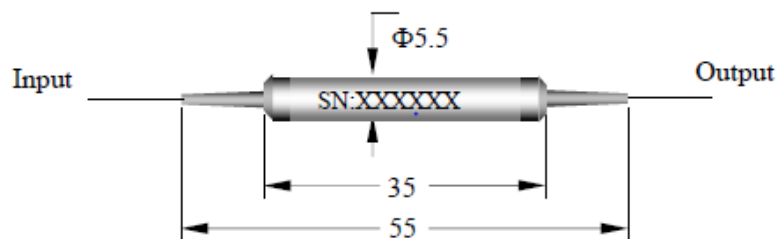
Specifications

Parameter	Unit				
Operating wavelength	nm	1310, 1550	1064	980	850
bandwidth	nm	±50	±30	±10	±10
Typ. Extinction Ratio	dB	30	30	28	28
Extinction Ratio at 23℃	dB	≥28	≥28	≥25	≥25
Typ. Insertion Loss	dB	0.3	0.4	0.7	0.8
Insertion Loss at 23 ℃	dB	≤0.50	≤0.60	≤0.9	≤1.0
Input /Output Fiber Type		Option 1: PM-PM Option 2: SM-PM Option 3: SM-SM			
Return Loss	dB	≥50			
Power handling	mW	≤300			
Fiber Length	m	0.8			
Dimension	mm	φ5.5×L35			
Operating temperature	℃	-5 ~ +70			
Storage temperature	℃	-40 ~ +85			

For option2 and option3, all of Typ. Insertion Loss & MAX Insertion Loss should plus 3.0dB for nonpolarized light.

* For devices with connectors, IL is 0.3dB(1310~1550) or 0.50dB (980~1060) or 0.80dB(780~850) , 5dB lower for RL and 2dB lower for ER. The default connector key is aligned to slow axis.

Package Dimensions





Ordering Information

ILP	Wavelength	Pigtail	Fiber	Length	Connector
	850	0=250um bare Fiber	1=PM-PM	0.8m	FC,SC,LC,ST
	980	1=900um loose tube	2=SM-PM	1m	,MU/UPC,APC
	1064		3=SM-SM		
	1310				
	1550				