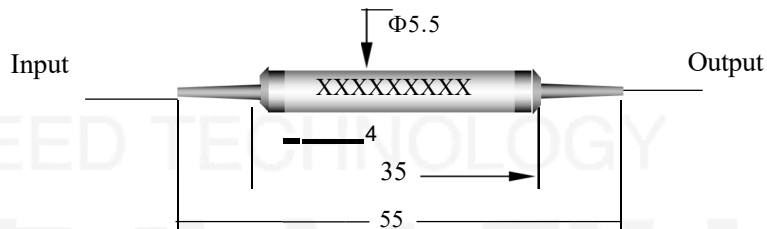


High Power In-line Polarizer (ILP- 780 808 830 850nm)

1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- > Fiber Laser
- > Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



3. Compliance:

- > Telcord ia GR-1209-CORE
- > Telcord ia GR-1221-CORE
- RoHS

4. Specifications:

Parameter	Unit	Values
Operating wavelength	nm	780 830 850±15
Insertion Loss at -5°C~50°C	dB	≤0.75
Extinction Ratio	dB	≥30
Return Loss (Input/Output)	dB	≥50/50
Fiber type (Input-output)	—	Option1: PM850/780-PM850/780 Option2: HI780-PM850/780 Option3: HI780-HI780 .
Operating temperature	°C	-5~70
Storage temperature	°C	-40~85
Input power	w	≤3
Dimensions	mm	Φ5.5 × L35

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

ILP	XX	X	X	X	X	XX	XX
IL =In-line	Operating Wavelength	Pigtail Type	Fiber Type	Input Connector Type	Output Connector Type	Package Size	Fiber Length
P =Polarizer	06 =1064nm	0 =250um	1=Option1	0 =None	0 =None		05 =0.5m
	78 =780nm	1 =900um	2=Option2	1 =FC/UFC	1 =FC/UFC	35 =Φ5.5 × L35	08 =0.8m
	85 =850nm	2 =2mm	3=Option3	2 =FC/APC	2 =FC/APC	38 =Φ5.5 × L38	10 =1.0m
		3 =3mm		3 =SC/UPC	3 =SC/UPC		12 =1.2m
				4 =SC/APC	4 =SC/APC		
				5 =LC/UPC	5 =LC/UPC		
				6 =LC/APC	6 =LC/APC		