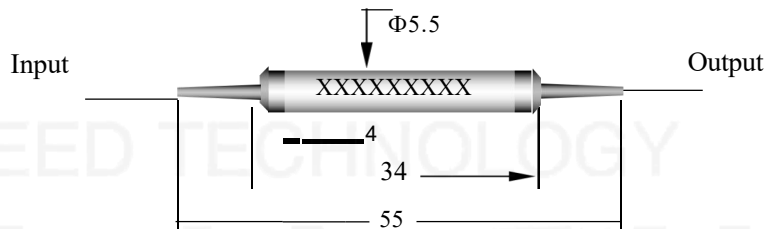


## HP In-line Polarizer (ILP-1315nm)

### 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	1310±40, 1550±40
Insertion Loss at -5°C ~50°C	dB	≤0.4
Extinction Ratio	dB	≥30
Return Loss (Input/Output)	dB	≥50/50
Fiber type (Input-output)	—	Option1 : PMF-PMF Option2: SMF-28e-PMF Option3: SMF-28e - SMF-28e
Operating temperature	°C	-5~70
Storage temperature	°C	-40~85
Input power	w	≤5
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
Product Description	Operating Wavelength	Pigtail Type	Fiber Type	Input Connector Type	Output Connector Type	Package Size	Fiber Length
IL=In-line	13 =1310nm	0=250um	1 =Option1	0 =None	0 =None	34 =Φ5.5 × L34	05 =0.5m
P =Polarizer	15 =1550nm	1=900um	2 =Option2	1 =FC/UFC	1 =FC/UFC	35 =Φ5.5 × L35	08 =0.8m
		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		