1550nm In-line Polarizer

Features

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Reliability
- High Stability

Applications

- Communication Systems
- Test Instrument
- Fiber Sensor
- Research

Specifications

Parameters	Unit	Value
Center Wavelength	nm	1550
Operating Wavelength Range	nm	±50
Typ. Insertion Loss at 23℃	dB	0.3
Max. Insertion Loss at 23℃	dB	0.5
Min. Return Loss	dB	50
Typ. Extinction Ratio at 23℃	dB	30
Min. Extinction Ratio at 23℃	dB	28
Fiber Type for Input & Output	/	SM-SM or SM-PM or PM to PM
Max. Optical Power(CW)	mW	300
Max. Tensile Load	N	5
Operating Temperature	℃	-5~+70
Storage Temperature	℃	-40~+85

For device with connector, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.

The default connector key is aligned to slow axis.

Package Dimensions

Ordering Information

ILP-1111-23-444-555-67-8-9A

1111 - Wavelength:	1550=1550nm
2 - Fiber Type Option:	1=SM-SM, 2=SM-PM, 3=PM-PM
3 - Working Axis:	F=Fast axis blocked, N=Non-PM
444 - Fiber Type for Input:	001=PM1550, 004=Hi1060, 008=SMF-28E, SSS=Specify
555 - Fiber Type for Output:	001=PM1550, 004=Hi1060, 008=SMF-28E, SSS=Specify
6 - Package Dimension:	0=φ5.5x35mm, 1=φ5.5x50mm
7 - Pigtail Type:	0=bare fiber, 1=900μm loose tube
8 - Fiber Length:	0.75=0.75m, 1.0=1m, S=Specify
9 - Connector Type for Input:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify
A - Connector Type for Output:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify