

In-line Polarizer

Features

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

Applications

- Communication Systems
- Test System
- Optical Fiber Sensor
- Research

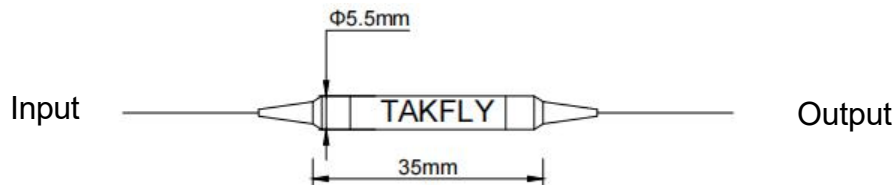
Specifications

Parameters	Unit	Value					
Center Wavelength	nm	2000	1550	1310	1064	980	850
Operating Wavelength Range	nm	±50	±50	±50	±30	±10	±10
Typ. Insertion Loss at 23℃	dB	0.8	0.3	0.3	0.4	0.7	0.8
Max. Insertion Loss at 23℃	dB	1.0	0.5	0.5	0.6	0.9	1.0
Min. Return Loss	dB	50	50	50	50	50	50
Typ. Extinction Ratio at 23℃	dB	22	30	30	30	28	28
Min. Extinction Ratio at 23℃	dB	20	28	28	28	25	25
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:	2000=2000nm, 1550=1550nm, 1064=1064nm, 980=980nm,.....
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, 002=PM1310, 003=PM980, 004=Hi1060, SSS=Specify
555 - Fiber Type for Output:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 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