

780-2050nm In Line Polarizer

Features

Low insertion loss
High extinction ratio and return loss
Excellent environmental stability

Application

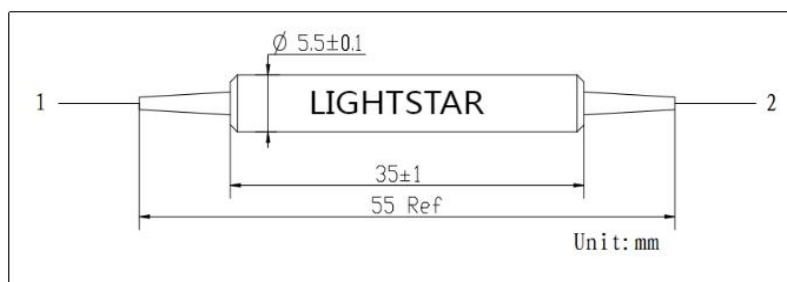
Communication system
Test instrument
Optical fiber sensing&Product research

Specifications

Parameter	Unit	Value						
Central wavelength	nm	2000	1550	1310	1064	980	850	780
Operating wavelength range	nm	±50	±50	±50	±30	±10	±10	±10
Typical insertion loss@23℃	dB	0.8	0.3	0.3	0.5	0.6	0.6	0.6
Maximum insertion loss@23℃	dB	1.0	0.5	0.5	0.7	0.8	0.8	0.8
Minimum return loss	dB	50	50	50	50	50	50	50
Typ extinction ratio@23℃	dB	22	30	30	30	30	28	28
Minimum extinction ratio@23℃	dB	20	28	28	28	28	25	25
input&output port fiber type	/	SM→SM or SM→PM or PM →PM						
Maximum optical power (CW)	mW	300						
Maximum tensile load	N	5						
Operating temperature	℃	-5~+70						
Storage temperature	℃	-40~+85						

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

Package dimensions



Ordering information

ILP-①①①①-②-③③③③-④-⑤-⑥-⑦

①①①①:Wavelength
1310=1310nm
1550=1550nm
SSSS=Specify

②Working axis
B=Biaxial operation
F=Fast axle cutoff
S=Specify

③③③③:Fiber type
001=PM1550
004=HI1060
SSS=Specify

④:Package dimensions
0= 5.5x35mm
S=Specify

⑤:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑥:Length
H=0.5m
1= 1.0m
S=Specify

⑦:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify