

780-1580nm High Power Polarizer

Features

Low insertion loss
High extinction ratio
Excellent environmental stability

Application

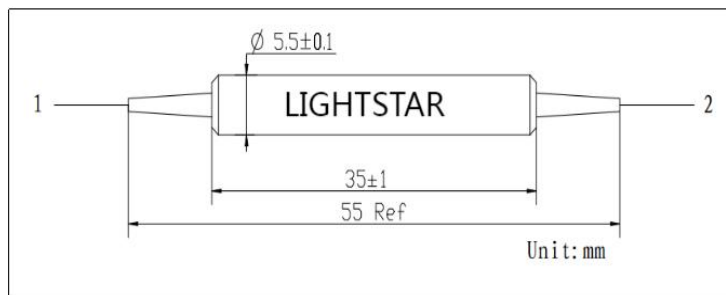
Fiber optic instrument
Test instrument
Optical fiber sensing

Specifications

Parameter \ Type	Value			
Central wavelength(nm)	1580, 1550, 1450, 1310	1064, 1050, 1040, 1030	980	850, 780
Bandwidth(nm)	±50	±30	±10	±10
Insertion loss23 °C (dB)	0.30	0.40	0.7	0.8
Insertion loss23 °C (dB)	≤0.60	≤0.70	≤0.9	≤1.1
Typ extinction ratio23 °C (dB)	27	27	26	25
Extinction ratio23 °C (dB)	≥25	≥25	≥24	≥22
Fiber type	PM1310, PM1550 SMF-28e	PM980 HI1060	PM980 HI1060	PM850 HI780
Return loss(dB)	≥50			
Power(W)	1, 2, 3, 4, 5 or Specify			
Operating temperature(°C)	-5~+70			
Storage temperature(°C)	-40 ~ +85			
Package dimensions(mm)	φ5.5×L35(P0), φ3.6×L30(P1) , 80*12*10mm (P3))			

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

HILP-①①①①-②②-③③③③-④-⑤-⑥-⑦

①①①①:Wavelength

1310=1310nm

1550=1550nm

SSSS=Specify

②②:Power

01= 1W

10= 10W

SS=Specify

③③③:Fiber type

001=PM1550

004=HI1060

SSS=Specify

④:Package dimensions

0= 5.5x35mm

H=3.6x30mm

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