

850nm Polarization Independent Isolator

Features

- Low insertion loss
- High return loss and Isolation
- Excellent environmental stability

Application

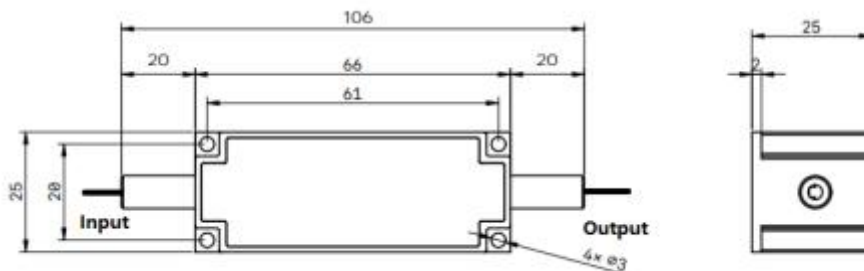
- Fiber laser&Optical fiber amplifier
- Optical instrument&Laser communication
- Test instrument&Optical fiber sensing

Specifications

Index Parameter	Value
Central wavelength(nm)	980,850
Bandwidth(nm)	±10
Insertion loss@23 °C	≤1.3
Isolation 23 °C (dB)	≥25
Polarization dependent loss(dB)	≤0.15
Return loss(Input/output) (dB)	≥50/50
Power(W)	0.3-5
Fiber type	HI780
Operating temperature(°C)	10 ~ +50
Storage temperature(°C)	0 ~ +60
Package dimensions(mm)	66x25x25

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

PIIS-①①①①-②②-③③③-④-⑤-⑥

①①①①:Wavelength
0850=850nm
0980=980nm
SSSS=Specify

④:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

②②:Power
00=300mW
01=1W
SS=Specify

⑤:Length
H=0.5m
1= 1.0m
S=Specify

③③③:Fiber type
006=HI780
SSS=Specify

⑥:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify