

630-980nm High Power Polarization Independent Isolator

Features

High isolation & return loss
Low insertion loss
High stability and reliability

Application

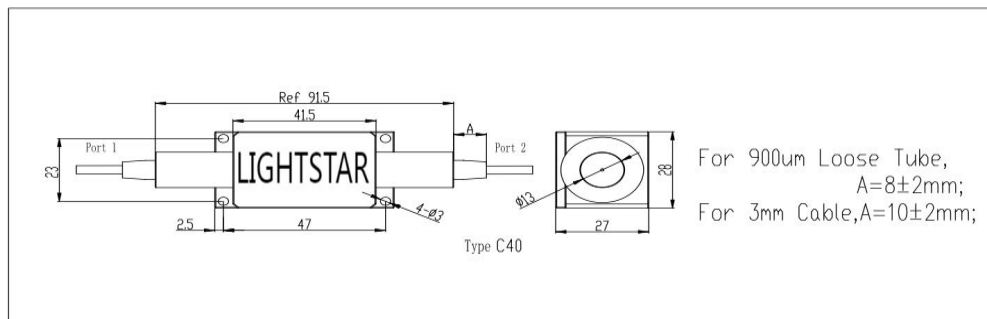
Fiber laser
Optical fiber amplifier
Test equipment

Specifications

Parameter	Unit	Value
Central wavelength(λ_c)	nm	980 905 850 780 633
Operating wavelength range	nm	± 10
Polarization dependent loss		0.15
Peak isolation	dB	25-30
Isolation 23°C	dB	23
Typical insertion loss 23°C	dB	0.9
Maximum insertion loss 23°C	dB	1.3
Minimum return loss(input/output)	dB	50/50
Maximum power(CW)	W	01、0.3、0.5、1、3、5 or specify
Tensile load	N	5
Fiber type		HI 780 Fiber or HI 1060 Fiber
Operating temperature	°C	-5 to +50
Storage temperature	°C	-20 to +75

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