

1064nm High Power Polarization Independent Isolator(1-20W)

Features

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

Application

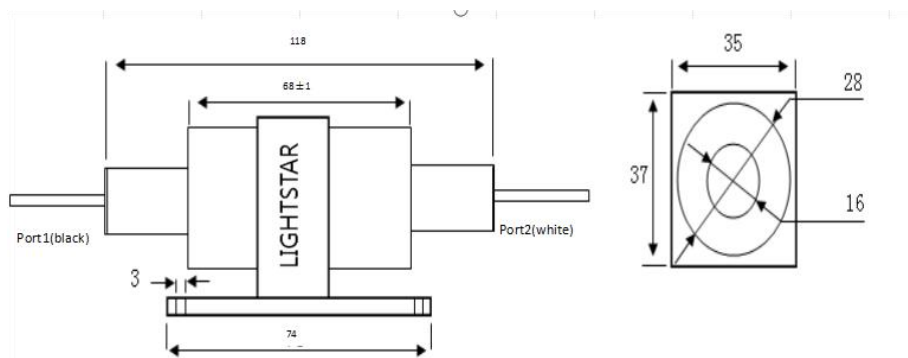
Fiber laser
Optical fiber amplifier
Test equipment

Specifications

Parameter		Value
Central wavelength(nm)		1080 、 1064 、 1053 、 1040 、 1030
Bandwidth(nm)		±10
Insertion loss@23°C		≤1.0(typ.0.7)
Peak isolation (dB)		32~40
Isolation 23°C(dB)		≥25
Extinction ratio23°C (dB)	Type B (Both axis working)	≥20
	Type F (Fast axis blocked)	≥ 22
Return loss(Input/output) (dB)		≥50/50
PowerCW (W)		0.3,0.5,1,2,3,5,20or specify
Fiber type		PM980 fiber
Operating temperature(°C)		0 ~ +65
Storage temperature(°C)		-20 ~ +85
Package dimensions(mm)		118*37*35

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

HPMIS-①①①①-②②-③-④④④-⑤-⑥-⑦-⑧

①①①①:Wavelength
1030=1030nm
1064=1064nm
SSSS=Specify

②②Power
00=300mW
05=5W
SS=Specify

③:Working axis
B=Biaxial operation
F=Fast axle cutoff

④④④:Fiber type
003=PM980
SSS=Specify

⑤:Package dimensions
6= 118*37*35mm
S=Specify

⑥:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑦:Length
H=0.5m
1= 1.0m
S=Specify

⑧:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify