

980-1080nm High Power Isolator(50W/100W)

Features

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

Application

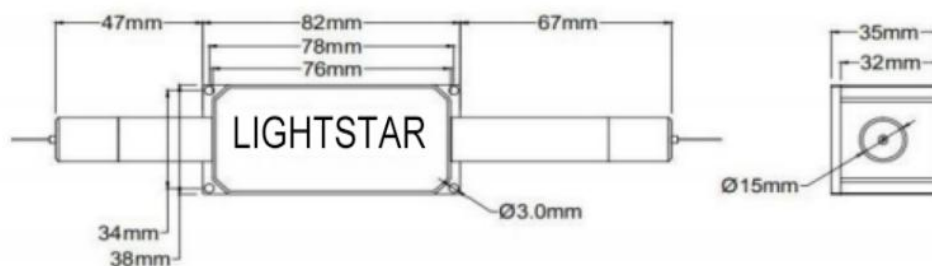
- Fiber laser&Optical fiber amplifier
- Optical fiber communications&Scientific research
- Optical fiber sensing

Specifications

Parameter	Unit	Value
Central wavelength	nm	1064,1030,980 or Specified
Operating wavelength range	nm	±5
Typical peak Isolation @23℃	dB	30
Minimum isolation @23℃	dB	26
Typical insertion loss@23℃	dB	0.8
Maximum insertion loss@23℃	dB	1.0
Minimum extinction ratio@23℃(Polarization-maintaining Fiber type)	dB	20
Maximum polarization dependent loss@23℃(Single mode Fiber type)	dB	0.15
Minimum return loss(input/output)	dB	45
Maximum average Power	W	50 , 100
Package dimensions	mm	76x38x35
Maximum peak of pulse Power	kW	10 or Specified
Maximum tensile load	N	5
Operating temperature	℃	+10~+50
Storage temperature	℃	0~+60

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-①①①①-②-③-④④④-⑤⑤⑤-⑥-⑦-⑧-⑨

①①①①:Wavelength 1064=1064nm 0980=980nm SSSS=Specify	②:Core type S=Single stage core	③:Working axis B=Biaxial operation F=Fast axle cutoff N=Non-PM	④④④:Fiber type 020=PLMA-GDF-20/130 021=LMA-GDF-20/130 SSS=Specify	⑤⑤⑤:Power 50=50W AA=100W SS=Specify
⑥:Package dimensions A=76x38x35mm S=Specify	⑦:Pigtail type 1=250um bare fiber 2=900um loose tube S=Specify	⑧:Length H=0.5m 1= 1.0m S=Specify	⑨:Connector 0=None 1=FC/UPC 2=FC/APC S=Specify	