High Power Optical Isolator (TGG type 850nm~1064nm)

Features

- Low Insertion Loss
- High Return Loss
- High Isolation
- High Stability and Reliability

Application

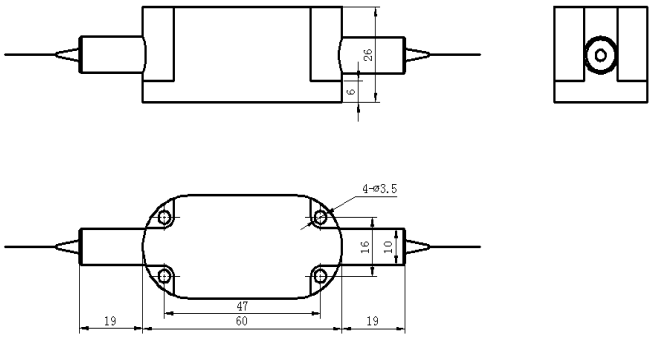
- Fiber Amplifier
- Test System
- MOPA Fiber Laser
- Fiber Laser

Specifications

Paramete	Value
Center Wavelength (nm)	1064, 1030, 980, 850, 780
Bandwidth (nm)	±5
Typical Peak Isolation @23℃(dB)	30
Isolation@23℃(dB)	25
Typical Insertion Loss @23℃(dB)	0.8
Insertion Loss @23℃(dB)	1.0
PDL@23℃(dB)	0.15
Return Loss (dB)	45
Power Handling （CW）(W)	0.5/1.0/5.0/10/20
Dimensions (mm)	60x28x26
Max. Peak Power(kW)	1
Tensile Load(N)	5
Operating Temperature (℃)	+10~+50
Storage Temperature (℃)	0~+60

*For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.
*The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

HPIIS	Wavelength	Type	Working axis	Fiber Type	Pigtail Type	Length	Connector
	0780=780	S=Single stage	N=non-PM	3=HI780fiber	1=250um bare fiber	H=0.5m	0=None
	0850=850nm			1=HI1060fiber	2=900um loose tube	8=0.8m	1=FC/UPC
	0980=980nm			S=Customer specified	3=3mm loose tube	1=1.0m	2=FC/APC
	1030=1030nm					5=1.5m	3=LC/UPC
	1064=1064nm					2=2.0m	4=LC/APC
						3=3.0m	5=SC/APC
						4=4.0m	6=SC/UPC