

1310-1550nm High Power Isolator(20W)

Features

- Low insertion loss
- High return loss
- High extinction ratio
- High isolation
- High stability & Reliability

Application

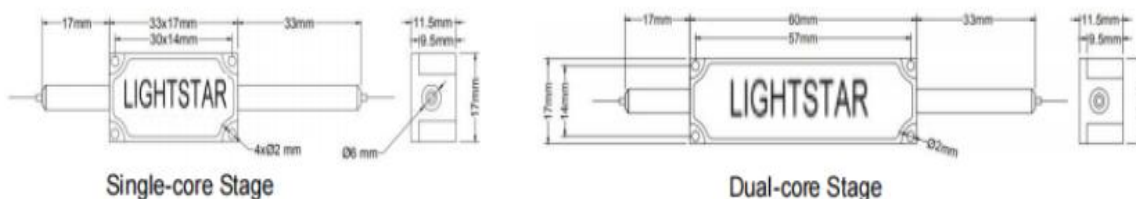
- Fiber laser&Optical fiber amplifier
- Test instrument&Communication system
- Optical fiber sensing
- Product research

Specifications

Parameter		Unit	Value	
Rank			Single stage	Double stage
Central wavelength		nm	1550,1480,1310	
Operating temperature range		nm	±20	
Typical peak Isolation @23°C		dB	42	58
Minimum isolation @23 °C		dB	28	45
Typical insertion loss@23°C		dB	0.4	0.5
Maximum insertion loss@23°C		dB	0.55	0.65
Minimum extinction ratio@23°C	Biaxial operation	dB	20	
	Fast axle cutoff	dB	25	
Maximum polarization dependent loss(Single mode Fiber type)		dB	0.15	
Minimum return loss(input/output)		dB	50/50	
Maximum optical power(CW)		W	1,2,5....20	
Maximum peak of pulse Power		kW	10 or Specified	
Maximum tensile load		N	5	
Operating temperature		°C	0~+70	
Storage temperature		°C	-40~+85	

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/HPIIS-①①①①-②-③-④④④-⑤⑤⑤-⑥-⑦-⑧-⑨

①①①①: Wavelength 1064=1064nm	②: Rank S=Single stage core D=Double stage core	③: Working axis B=Biaxial operation F=Fast axle cutoff N=Non-PM	④④④: Fiber type 001=PM1550 004=Hi1060 SSS=Specify	⑤⑤: Power 05=5W 20=20W SS=Specify
⑥: Package dimensions 0= φ5.5x35mm 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	