

1064nm High Power Free Space Isolator(200-500W)

Features

Low insertion loss
High extinction ratio and isolation
Excellent environmental stability

Application

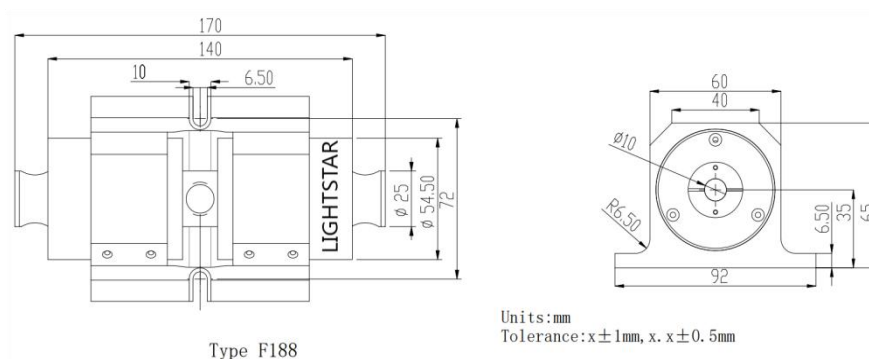
Laboratory investigation
Fiber laser
Optical fiber amplifier

Specifications

Parameter	Unit	Value
Central wavelength(λ_c)	nm	1064
Operating wavelength range	nm	± 10
Peak Isolation at 23 °C	dB	50~55
Isolation 23 °C	dB	45
Maximum insertion loss 23 °C	dB	0.4
Extinction ratio	dB	25
Maximum power	W	200,500 or Specify
Damage threshold 10ps	J/cm ²	10
Operating temperature	°C	10 to +50
Storage temperature(Non-Condensing)	°C	0 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

HPFSI-①①①①-②②-③③-④-⑤

①①①①:Wavelength
1064=1064nm

②②:Power
BB=200W
DD=500W
SS=Specify

③③:Effective aperture
10=Dia.10.0mm
SS=Specify

④:Polarization type
S= polarization independent

⑤:Wavelength range
1= $\lambda \pm 10$ nm
S=Specify