532-850nm High Power Free Space Isolator (20-50W)

Features

- Low insertion loss
- High extinction ratio and isolation
- Excellent environmental stability

Application

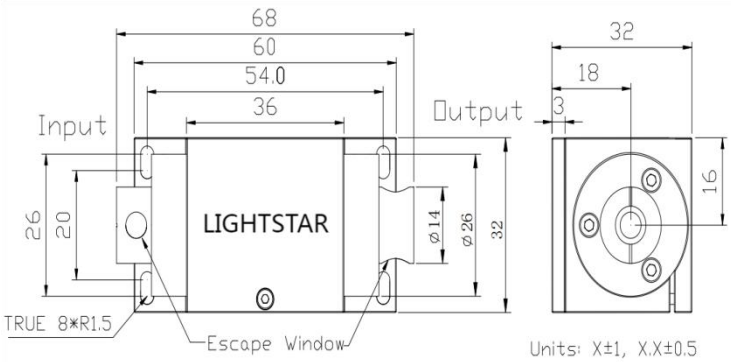
- Laboratory investigation
- Fiber laser
- Optical fiber amplifier

Specifications

Parameter	Unit	Value
Central wavelength(λc)	nm	850 , 780, 650 ,532 or Specify
Operating wavelength range	nm	±5
Peak Isolation	dB	30~35
Isolation 23℃	dB	28
Typical insertion loss	dB	0.3
Maximum insertion loss	dB	0.4
Extinction ratio	dB	25
Maximum aperture	mm	5.0 or Specify
Maximum power	W	20, 50 or Specify
Maximum damage threshold	-	10J/cm2 @ 10ns
Operating temperature	℃	10 to 50
Storage temperature(Non-Condensing)	℃	0 to 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



Type: C141

Ordering information

HPFSI-①①①①-②②-③

①①①①:Wavelength
0850=850nm
0780=780nm
0532=532nm
SSSS=Specify

②②:Power
20=20W
50=50W
SS=Specify

③:Polarization type
S=Polarization correlation