

405nm High Power Free Space Isolator

Features

Low insertion loss
High extinction ratio and isolation
Excellent environmental stability

Application

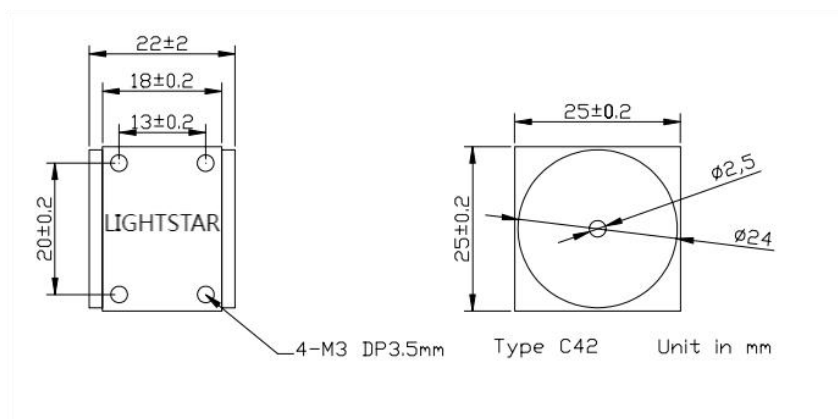
Laboratory investigation
Fiber laser
Optical fiber amplifier

Specifications

Parameter	Unit	Value
Central wavelength(λ_c)	nm	405 or Specify
Operating wavelength range	nm	± 2
Peak Isolation	dB	30~35
Isolation 23℃	dB	28
Typical insertion loss	dB	0.8
Maximum insertion loss	dB	0.95
Effective aperture	mm	2.5
Maximum power(CW, measured@ BD 0.5mm)	W	0.5 or Specify
Operating temperature	℃	10 to +40
Storage temperature	℃	-20 to +70

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-①①①①-②②-③

①①①①: Wavelength
0405=405nm
SSSS=Specify

②②: Power
00=300W
SS=Specify

③: Polarization Type
S=Polarization correlation