

1064/635nm High Power Collimation Output Isolator (100-200W)

Features

- Low insertion loss
- High return loss and isolation
- Excellent environmental stability

Application

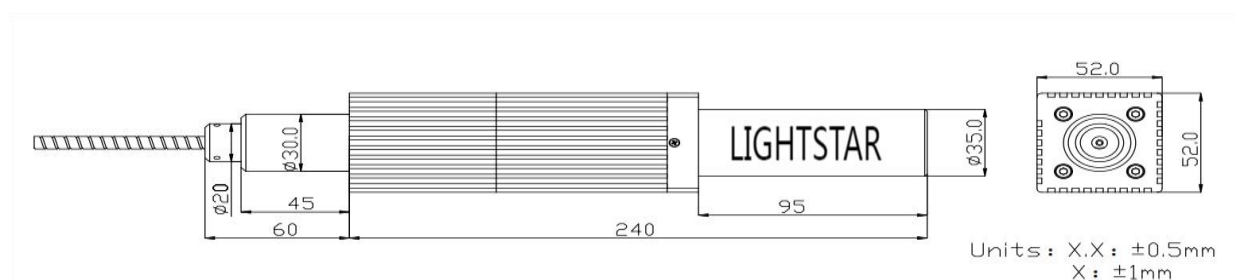
- Laboratory investigation
- Fiber laser
- Optical fiber amplifier

Specifications

Parameter	Unit	Value
Wavelength(λ_c)	nm	1064&635
Bandwidth	nm	± 5
Peak isolation @23℃	dB	30~35
Minimum isolation @ 23℃	dB	28
Minimum transfer rate@1064nm	-	92%
Minimum transfer rate@635nm	-	15%
Minimum return loss	dB	50
Output beam diameter($1/e^2$)@0~1m WD	mm	5 $\pm$ 0.5, 6 $\pm$ 0.5, 7 $\pm$ 0.5 or Specify
Elliptic rate	%	>90
Maximum average send optical power	W	100, 150, 200 or Specify
Peak Power	KW	10, 20 or Specify
Fiber type	-	Nufern LMA-GDF-30/250-M, NA0.06 Fiber or LMA Fiber
Cable tensile load	N	5
Operating temperature	℃	-5 to +50
Storage temperature	℃	-20 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

HPICI-①①①①-②②-③-④-⑤

①①①①:Wavelength
0663=0663nm
SSSS=Specify

②②:Power
AA=100W
BB=200W
SS=Specify

③:Output beam diameter
5=5mm
6=6mm
S=Specify

④:Optical protective jacket
6=6mm Armoured Cable
7=7mm Armoured Cable
S=Specify

⑤:Length
H=0.5m
1= 1.0m
S=Specify