

1064nm High Power Polarization-maintaining Collimation Output Isolator (5-20W)

Features

Low insertion loss
High return loss and Isolation
Excellent environmental stability

Application

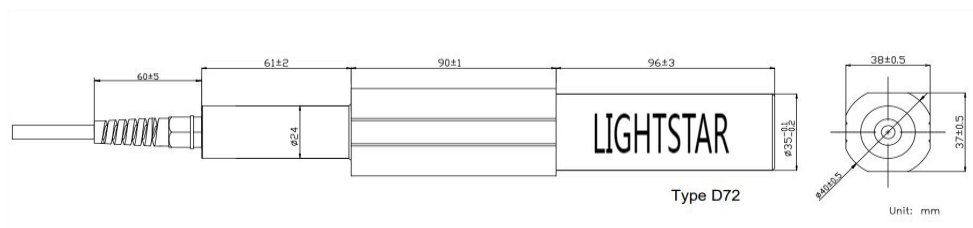
Laboratory investigation
Fiber laser
Optical fiber amplifier

Specifications

Parameter	Unit	Value
Central wavelength(λ_c)	nm	1064 or Specify
Bandwidth	nm	± 5
Peak isolation	dB	30~35
Isolation 23℃	dB	28
Transfer rate	-	93%
Minimum transfer rate	-	90%
Minimum return loss	dB	50
Minimum extinction ratio(only for F Type)	dB	20
Standard output beam diameter($1/e^2$)@0~1m WD	mm	5+/-0.5, 6+/-0.5, 7+/-0.5 or Specify
Average Power	W	5, 10, 20 or Specify
Peak Power	KW	10, 20 or Specify
Fiber type	-	PM 980 Panda fiber or PLMA Fiber
Maximum 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
1064=1064nm
SSSS=Specify

②②:Power
05=5W
10=10W
SS=Specify

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

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

⑤:Length
H=0.5m
1= 1.0m
S=Specify