

532nm/633nm In Line Isolator

Features

Low insertion loss
High extinction ratio and isolation
Excellent environmental stability

Application

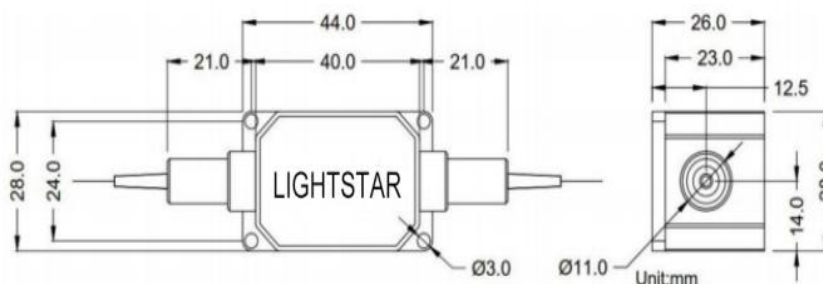
Laboratory investigation
Fiber laser
Optical fiber amplifier

Specifications

Parameter	Unit	Value
Central wavelength	nm	633,532
Operating wavelength range	nm	±10
Minimum isolation @23℃	dB	23
Typical insertion loss@23℃	dB	1.5
Maximum insertion loss@23℃	dB	1.8
Minimum extinction ratio@23℃(Polarization-maintaining Fiber type)	dB	18
Maximum polarization dependent loss@23℃ (Single mode Fiber type)	dB	0.2
Minimum return loss(input /output)	dB	45
Maximum average power	W	0.5,1,2
Maximum peak of pulse power	kW	5 / assign
Maximum tensile load	N	5
Package dimensions	mm	40x28x26
Operating temperature	℃	+10~+50
Storage temperature	℃	0~+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



Ordering information

HPMIS-①①①①-②-③-④④④-⑤⑤-⑥-⑦-⑧-⑨

①①①①:Wavelength
0532=532nm
0633=633nm
SSSS=Specify

②:Rank
S=Single-Core

③:Working axis
B=Biaxial
operation
F=Fast axle cutoff
N=Non-PM

④④④:Fiber type
096=PM630
097=PM460
SSS=Specify

⑤⑤: Power
00=300mw
01=1W
02=2W
SS=Specified

⑥:Package
dimensions
N=40x28x26mm

⑦:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑧:Length
H=0.5m
1= 1.0m
S=Specify

⑨:Connector type
0=None
1=FC/UPC
2=FC/APC
S=Specify