850nm High Power Polarization Independent Isolator

Features

High isolation &return loss
Low insertion loss
High stability and reliability

Application

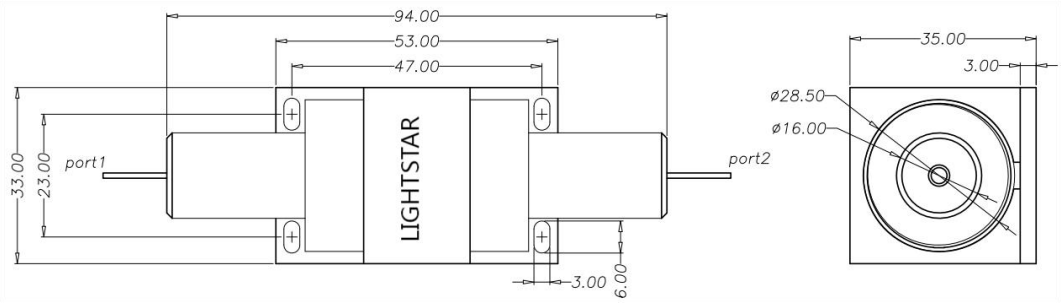
Fiber laser
EDFA&Optical fiber amplifier
Optical laboratory&Optical fiber sensing

Specifications

Parameter		Value
Central wavelength(nm)		870,850,830
Bandwidth(nm)		±10
Insertion loss@23℃		≤1.0(typ.0.7)
Peak Isolation(dB)		32~40
Isolation 23℃(dB)		≥25
Extinction ratio23℃ (dB)	Type B (Both axis working)	≥20
	Type F/S (Fast axis blocked or slow axis blocked)	≥ 22
Return loss(Input/output) (dB)		≥50/50
Power (W)		0.3,0.5,1,2,3,5 or specify
Fiber type		PM850 or Specify
Operating temperature(℃)		0 ~ +65
Storage temperature(℃)		-20 ~ +85
Package dimensions(mm)		94*33*35

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-①①①①-②②-③-④④④-⑤-⑥-⑦-⑧

①①①①:Wavelength
0830=830nm
0850=850nm
SSSS=Specify

②②:Power
00=300mW
05=5W
SS=Specify

③:Working axis
B=Biaxial operation
F=Fast axle cutoff
S=Slow axis cutoff

④④④:Fiber type
119=PM850
SSS=Specify

⑤:Package dimensions
6= 94*33*35mm
S=Specify

⑥:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑦:Length
H=0.5m
1= 1.0m
S=Specify

⑧:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify