

1060nm Broadband High Power Polarization-maintaining Isolator (± 30nm)

Features

Low insertion loss
High return loss
High isolation

Application

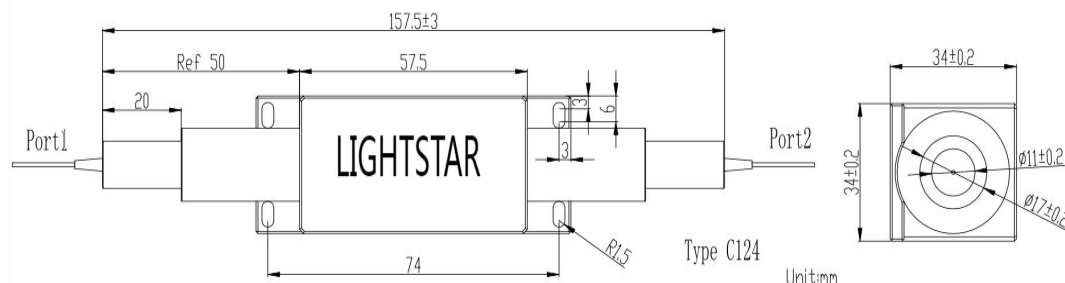
Ultra fast fiber laser
Optical fiber amplifier
Fiber laser

Specifications

Parameter	Unit	Value
Central wavelength(λ_c)	nm	1060
Operating wavelength range	nm	±30
Maximum isolation	dB	30~35
Isolation 23°C	dB	26
Typical insertion loss 23°C, λ_c	dB	1.0
Maximum insertion loss 23°C	dB	1.3
Minimum return loss(Input1/Input2)	dB	50/50
Extinction ratio	dB	20 (only for B Type) 22 (only for F Type)
Maximum power(CW)	W	1, 5, 10, 20 or specify
Tensile load	N	5
Fiber type	-	PM 980 Panda fiber or PM LMA Fiber
Operating temperature	°C	-5 to +50
Storage temperature	°C	-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

HPMIS-①①①①-②②-③-④-⑤-⑥

①①①①: Wavelength
1060=1060nm
SSSS=Specify

②②: Power
01=1W
20=20W
SS=Specify

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

④: Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑤: Length
H=0.5m
1= 1.0m
S=Specify

⑥: Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify