

1064nm In Line Isolator(300mW)

Features

Low insertion loss
High return loss and Isolation
Excellent environmental stability

Application

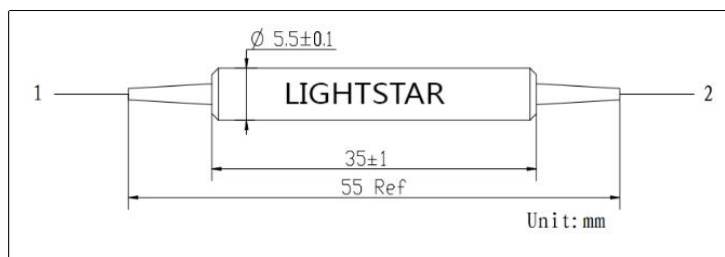
Pulse fiber laser
Optical fiber amplifier
Optical fiber sensing

Specifications

Parameter	Unit	Value	
		Single	Dual
Rank			
Central wavelength	nm	1064	
Operating wavelength range	nm	±5	
Typical peak Isolation	dB	35	52
Minimum isolation @23 °C	dB	30	45
Typical insertion loss@ 23 °C	dB	1.5	2.4
Maximum insertion loss@23°C	dB	1.8	3.2
Minimum return loss(input/output)	dB	50/50	
Minimum extinction ratio@23 °C	Biaxial operation	dB	
	Fast axle cutoff	dB	
Maximum polarization dependent loss@23 °C (Single mode Fiber type)	dB	0.15	
Maximum optical power(CW)	mW	300	
Maximum tensile load	N	5	
Fiber type		PM Panda fiber or Single- mode fiber	
Operating temperature	°C	-5~+50	
Storage temperature	°C	-40~+85	

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

PMIS-①①①①-②-③-④④④-⑤-⑥-⑦-⑧/PIIS-①①①①-②-③-④④④-⑤-⑥-⑦-⑧

①①①①:Wavelength
1064=1064nm
SSSS=Specify

②:Rank
S=Single stage core
D=Double stage core

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

④④④:Fiber type
001=PM1550
004=Hi1060

N=Non-PM

SSS=Specify

⑤:Package dimensions
0= φ5.5x35mm
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