

1064 -2050nm Polarization-maintaining TAP+Isolator

Features

Low insertion loss
High return loss
High isolation

Application

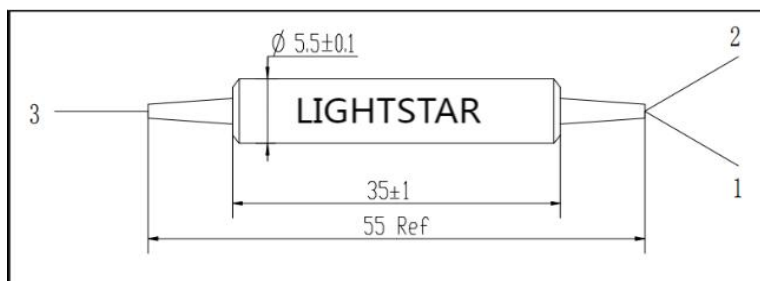
Fiber laser
Compact type optical fiber amplifier
Optical fiber sensing

Specifications

Parameter	Unit	Value					
		Single stage	Double stage	Single stage	Double stage	Single stage	Double stage
Rank							
Central wavelength	nm	2050, 2000, 1950		1550, 1310		1064	
Operating wavelength range	nm	±10		±15		±5	
Maximum additional loss@23 °C	dB	1.3	1.5	1.0	1.2	2.2	3.5
Typical peak isolation	dB	20	30	40	52	40	52
Minimum isolation @23 °C	dB	18	28	28	45	28	45
Minimum extinction ratio@23 °C	dB	18		20		20	
Signal splitting ratio	%	1±0.2%, 2±0.4%, 5±1%, 10±2%					
Minimum return loss@23 °C	dB	50					
Maximum processing power(CW)	mW	300					
Maximum tensile load	N	5					
Fiber type		PM Panda fiber					
Operating temperature	°C	0~+70					
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

PMTIS-①①①①-②-③-④④-⑤⑤⑤-⑥-⑦-⑧-⑨

①①①①: Wavelength
1064=1064nm
1550=1550nm

②: Working axis
B=Biaxial operation
F=Fast axle cutoff

③: Rank
S=Single stage
D=Double stage

④④: Splitting ratio
01=1%
50=50%

⑤⑤⑤: Fiber type
001=PM1550
004=Hi1060

SSSS=Specify

SS=Specify

⑥: Package dimensions
0= 5.5x35mm
S=Specify

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
0=None
1=FC/UPC
2=FC/APC
S=Specify