1064-2050nm Polarization-maintaining TAP+Isolator

Features

Low insertion loss
High return loss
High extinction ratio
High isolation

Application

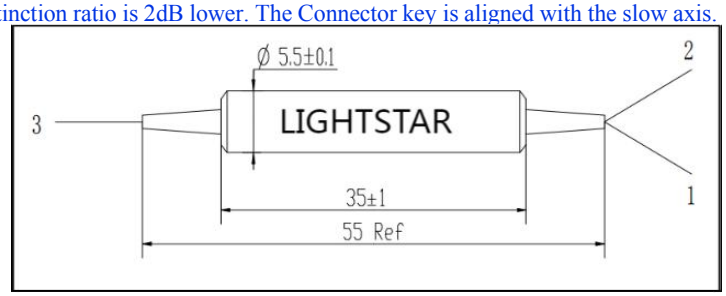
Compact type Optical fiber amplifier
Compact type fibre-optic system
Fiber laser
Optical fiber sensing

Specifications

Parameter	Unit	Value					
Rank		Single stage	Double stage	Single stage	Double stage	Single stage	Double stage
Central wavelength	nm	2050,2000,1950		1550,1310		1064	
Operating wavelength range	nm	±10		±15		±5	
Maximum additional loss@2 3 ℃	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 @2 3 ℃	dB	18	28	28	45	28	45
Minimum extinction ratio@2 3 ℃	dB	18		20		20	
Single splitting ratio	%	1±0.2%,2±0.4%,5±1%,10±2%					
Minimum return loss@2 3 ℃	dB	50					
Maximum processing power(CW)	mW	300					
Maximum tensile load	N	5					
Fiber type		PM Panda fiber					
Operating temperature	℃	0~+70					
Storage temperature	℃	-40~+85					

ensions

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.



Ordering information

PMTIS-①①①①-②-③-④④-⑤⑤⑤-⑥-⑦-⑧-⑨

①①①①:Wavelength	②:Working axis	③:Rank	④④ :Splitting ratio	⑤⑤⑤:Fiber type
1064=1064nm	B=Biaxial operation	S=Single stage	01=1%	001=PM1550
1550=1550nm	F=Fast axle cutoff	D=Double stage	50=50%	004=Hi1060
SSSS=Specify			SS=Specify	

⑥:Package dimensions	⑦:Pigtail type	⑧:Length	⑨:Connector
0= 5.5x35mm	1=250um bare fiber	H=0.5m	0=None
S=Specify	2=900um loose tube	1= 1.0m	1=FC/UPC
	S=Specify	S=Specify	2=FC/APC
			S=Specify