Mini Size Polarization-maintaining Tap + Isolator

Features

- Low insertion loss
- High return loss
- High extinction ratio
- High isolation

Application

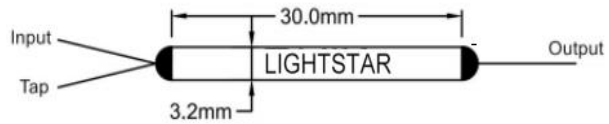
- Compact type optical fiber amplifier
- Compact type fibre-optic system
- Fiber laser
- Fiber optic sensor

Specifications

Parameter		Unit	Value			
Central wavelength		nm	1550,1310		1064	
Operating wavelength range		nm	±15			
Mono pole			Single	Dual	Single	Dual
Maximum additional loss		dB	1.0	1.2	2.2	3.5
Splitting ratio		%	1±0.2%,5±1%,50±2%			
Peak Isolation		dB	40	52	40	52
Minimum isolation 23℃		dB	28	45	28	45
Minimum extinction ratio23℃		dB	20			
Minimum return loss		dB	50			
Maximum power(CW)		mW	300			
Maximum tensile load		N	5			
Fiber type			PM Panda fiber			
Package dimensions	Biaxial operation	mm	φ3.2x30			
	Fast axle cutoff	mm	φ3.2x35			
Operating temperature		℃	0~+70			
Storage temperature		℃	-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



Both Axis Working

Fast axis blocked

Ordering information

MPMTI-①①①①-②-③-④④-⑤⑤⑤-⑥-⑦-⑧-⑨

①①①①:Wavelength	②:Working axis	③:Rank	④④ :Splitting ratio	⑤⑤⑤:Beam split port 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	SSS=Specify

⑥:Package dimensions	⑦:Pigtail type	⑧:Length	⑨:Connector
J= 3 2x30mm	1=250um bare fiber	H=0.5m	0=None
K= 3.2x35mm	2=900um loose tube	1= 1.0m	1=FC/UPC
S=Specify	S=Specify	S=Specify	2=FC/APC
			S=Specify