

Mini Size Polarization-maintaining Tap + Isolator

Features

Low insertion loss
High return loss
High isolation

Application

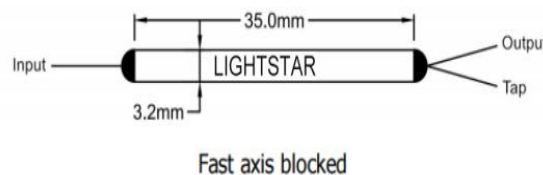
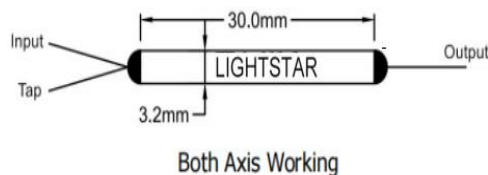
Fiber laser
Compact type optical fiber amplifier
Compact type fibre-optic system

Specifications

Parameter		Unit	Value			
Central wavelength		nm	1550,1310		1064	
Operating wavelength range		nm	±15			
Monopole			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



Ordering information

MPMTI-①①①①-②-③-④④-⑤⑤⑤⑤-⑥-⑦-⑧-⑨

①①①①:Wavelength

1064=1064nm
1550=1550nm
SSSS=Specify

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%
SS=Specify

⑤⑤⑤:Beam
split port fiber type
001=PM1550
004=Hi1060
SSS=Specify

⑥:Package dimensions

J= 3 2x30mm
K= 3.2x35mm
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