Micro-electronics MEMS Variable Light Attenuator

Features

- Low insertion loss
- Low shock vibration sensitivity
- Excellent environmental stability

Application

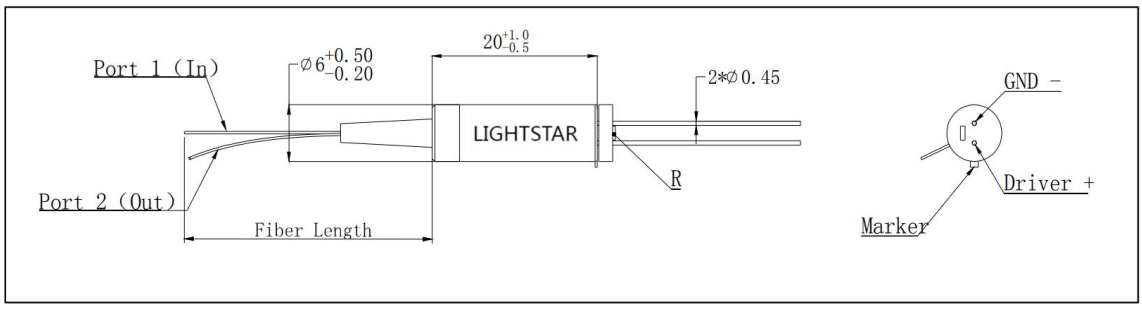
- Receiver protection
- Optical instrument
- Wave band erbium doped fiber amplifiers gain tilt control

Specifications

Parameter	Unit	Value
Operating wavelength	nm	20 or 2000：20 or 1590：20 or 1550：1310：50
Maximum insertion loss	dB	0.9
Polarization dependent loss（For SM Fiber）	dB	0.2 @ 0 dB Attenuation
Minimum extinction ratio（For PM Fiber）	dB	20 @ 0 dB Attenuation
Temperature correlation loss (Compare with RT）	dB	≤0.35@ 0dB , ≤1.0 @20dB
Return loss	dB	50
Fiber type	-	G652D/ PM1310 /PM1550 / PM1950 or Specify
Response time	ms	2
Power	mW	300
Maximum tensile load	N	5
Operating temperature	℃	-5 to +70
Storage temperature	℃	-40 to +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

PMSVOA-MSVOA-①①①①-②-③-④-⑤-⑥-⑦

①①①①:Central wavelength
1310=1310nm
1550=1550nm
SSSS=Specify

②:Attenuation type
B=Bright

③:Drive voltage
15=15V

④:Maximum attenuation range
40=40dB
SS=Specify

⑤:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify

⑥:Length
H=0.5m
1= 1.0m
S=Specify

⑦:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify