

## 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

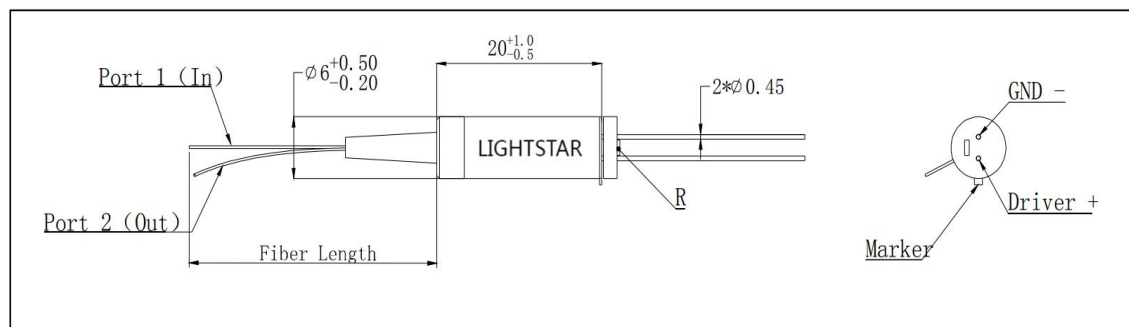
control

Parameter	Unit	Value
Operating wavelength	nm	1310: 20 or 2000: 20 or 1590: 20 or 1550: 50
Insertion loss	dB	0.9
Attenuation	-	Continuous
Polarization dependent loss (For SM Fiber)	dB	0.2 @ 0 dB Attenuation
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
Tensile load	N	5
Operating temperature	°C	-5 to +70
Storage temperature	°C	-40 to +85

### Specifications

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

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|--|---|--|---|
| ①①①①: Central wavelength<br>1310=1310nm<br>1550=1550nm<br>SSSS=Specify | ②: Attenuation type<br>B=Bright             | ③: Drive voltage<br>15=15V   | ④: Maximum attenuation range<br>40=40dB<br>SS=Specify |
| ⑤: Connector<br>0=None<br>1=FC/UPC<br>2=FC/APC<br>S=Specify            | ⑥: Length<br>H=0.5m<br>1= 1.0m<br>S=Specify | ⑦: Pigtail type<br>1=250um bare fiber<br>2=900um loose tube<br>S=Specify |   |