

Optizone Micro Electronic Mechanical System Variable Optical Attenuator

Features

- Low Insertion Loss
- Excellent Environmental Stability
- Insensitive to Shock and Vibration

Applications

- Fiber Optic Instruments
- Power Control and Equalization in Multi Channel System
- Gain-tilt Control in EDFAS
- Receiver Protection

Specifications

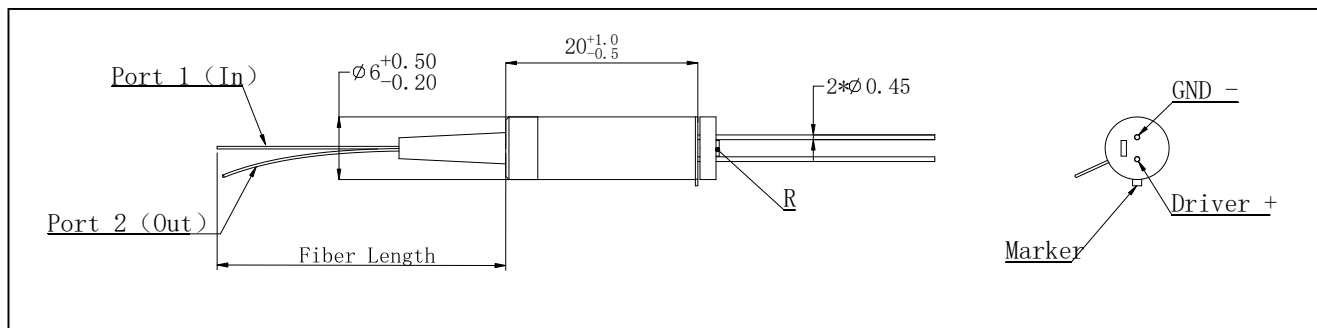
| Parameters | Unit | Values |
|--|------|---|
| Operating Wavelength Range | nm | 1310±20 or 1550±20 or 1590±20 or 2000±50 |
| Max.Insertion Loss | dB | 0.9 |
| Attenuation Resolution | - | Continuous |
| Max.Polarization Dependent Loss (For SM Fiber) | dB | 0.2 @ 0 dB Attenuation |
| Min.Extinction Ratio (For PM Fiber) | dB | 20 @ 0 dB Attenuation |
| Temperature Dependent Loss (Compare with RT) | dB | ≤0.35@ 0dB , ≤1.0 @20dB |
| Min.Return Loss | dB | 50 |
| Fiber Type | - | G652D/ PM1310 /PM1550 / PM1950 or Specify |
| Response Time | ms | 2 |
| Max.Optical Power | mW | 300 |
| Max. Tensile Load | N | 5 |
| Operating Temperature | °C | -5 to +70 |
| Storage Temperature | °C | -40 to +85 |

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

*The PM fiber and the key are aligned to the slow axis.

Package Dimensions



Ordering Information

MSVOA-①①-②-③③-④④-⑤⑤-⑥⑥-⑦

PMSVOA-①①-②-③③-④④-⑤⑤-⑥⑥-⑦

- ①①: Center Wavelength
31 - 1310nm
55 - 1550nm
59 - 1590nm
20 - 2000nm
SS - Specify

- ②: Attenuation Type
B - Bright

- ③③:Driving Voltage
15 - 15V

- ④④:Max Attenuation Range
40 - 40dB
SS - Specify

- ⑤⑤: Connector Type on Port 1, 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

- ⑥⑥: Fiber Jacket on Port 1, 2
B - 250um Fiber
L - 900um Loose Tube
S - Specify

- ⑦: Fiber Length
0.8 - 0.8m
S - Specify