

1080nm SM Manual Variable Optical Attenuator

1080nm SM Manual Variable Optical Attenuator is a fiber component which can control the attenuation of the optical power by adjusting the screw, the attenuation value can be up to 60dB, it's widely used in optical power testing system, fiber line protection and optical power monitoring field.

Application:

Optical Power Monitoring
Fiber Line Protection
Testing System
Lab And Research

Features:

Low Original Loss
High Return Loss
High Attenuation Range
High Reliability



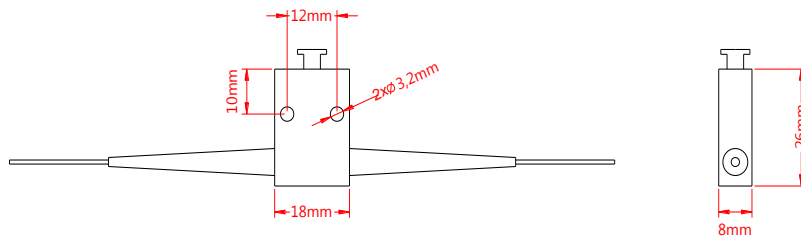
Specification:

| Parameter | Symbol | Value | Unit |
|----------------------------------|-----------|---------------|------|
| Center Wavelength | λ | 1080 | nm |
| Bandwidth | BW | ± 20 | nm |
| Attenuation Range | | 0.8-60 | dB |
| Max. Original Loss | IL | 0.8 | dB |
| Adjustment Precision | | 0.02 | dB |
| Max. Polarization Dependent Loss | PDL | 0.1 | dB |
| Min. Return Loss | RL | 50 | dB |
| Max. Optical Power (CW) | P | 500 | mW |
| Max. Tensile Load | | 5 | N |
| Fiber Type | | HI 1060 fiber | - |
| Operating Temperature | T | -5~70 | °C |
| Storage Temperature | T | -40~85 | °C |
| Package Dimension | | 26x18x8 | mm |

Notice: Above specifications are tested at center wavelength without connector in room temperature @23°C.

For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

SMVOA-**WWW**-**FF**-**J**-**LL**-**CC**

| WWW | FF | J | LL | CC |
|---------------|--------------|----------------------|--------------|--------------|
| Wavelength | Fiber Type | Fiber Jacket | Fiber Length | Connector |
| 1030 - 1030nm | H1 - HI 1060 | B - 250um Bare Fiber | 05 - 0.5m | NE - None |
| 1040 - 1040nm | SS - Specify | 9 - 900um Loose Tube | 10 - 1.0m | FA - FC/APC |
| 1050 - 1050nm | | 2 - 2.0mm Loose Tube | 15 - 1.5m | FU - FC/UPC |
| 1053 - 1053nm | | 3 - 3.0mm Loose Tube | 20 - 2.0m | SA - SC/APC |
| 1060 - 1060nm | | | SS - Specify | SU - SU/APC |
| 1064 - 1064nm | | | | LA - LC/APC |
| 1080 - 1080nm | | | | LU - LC/UPC |
| | | | | SS - Specify |