

## 518nm Fiber Optic Variable Attenuator



- **Product Description**

Our optical fiber variable attenuator has the characteristics of fast adjustment of optical attenuation, small size, low insertion loss, low polarization-related loss, high mode-related stability and high reliability. It is mainly used in transmission networks, power balancing, product testing, related instruments and equipment, etc.



- **Product features**

Wide operating wavelength range and wide temperature range、 Low insertion loss、 Low polarization-dependent loss、 High reliability and stability

- **Part Number**

MP-VOA-518-1-9-SA

- **Application area**

Product testing、 Single-mode transmission network、 Power balancing、 Receiver protection、 Related instruments and equipment

- **Core parameters**

Center Wavelength	Bandwidth
518nm	±10nm

● **Dimension Drawing**

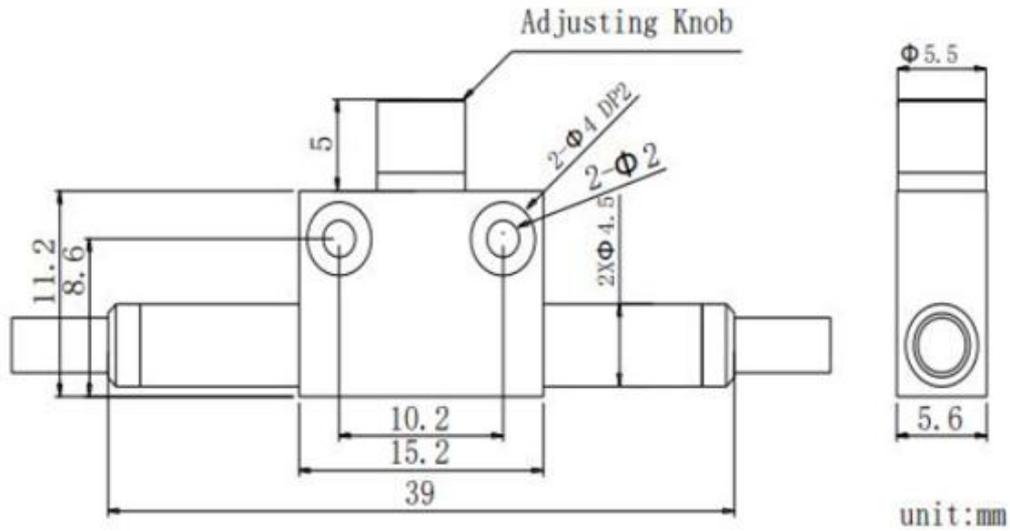


Fig.2 Package for 2mm cable or 3mm cable.  
The Color of Tube is Orange.

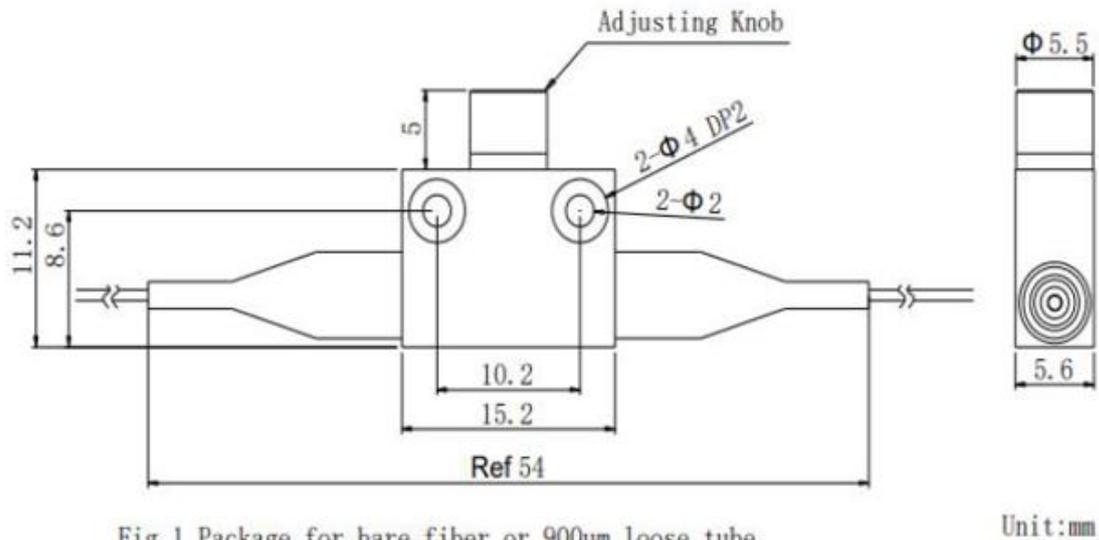


Fig.1 Package for bare fiber or 900um loose tube.  
The Color of Tube is Red.

● **General Parameters**

Parameters



Parameter	Indication
Central wavelength	488nm or 518nm
Operating bandwidth	±10nm
Maximum additional loss	2.0dB
Minimum attenuation range	30dB
Resolution within 10dB attenuation range	0.1dB
Maximum PDL@23°C, at minimum	0.15dB
Maximum TDL (minimum attenuation)	0.7dB
Minimum return loss	50dB
Fiber type	Nufern 460-HP Fiber
Maximum tensile load	5N
Maximum optical power (CW)	100mw
Operating temperature	-5 to 70°C
Storage temperature	-40 to 85°C (Non-condensing)

**Note:**

**\*All parameters are measured without connectors**

**\*If connectors are added, IL will increase by 1.5dB and RL will decrease by 5dB.**