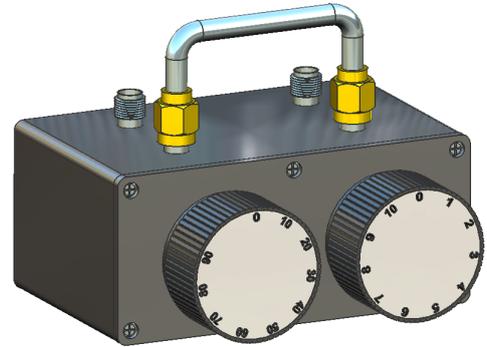


### Variable Attenuator VAB Series

- ◆ DC to 6.0GHz
- ◆ 0 to 90 dB in 1 dB Step
- ◆ 5 Watt or 10 Watt

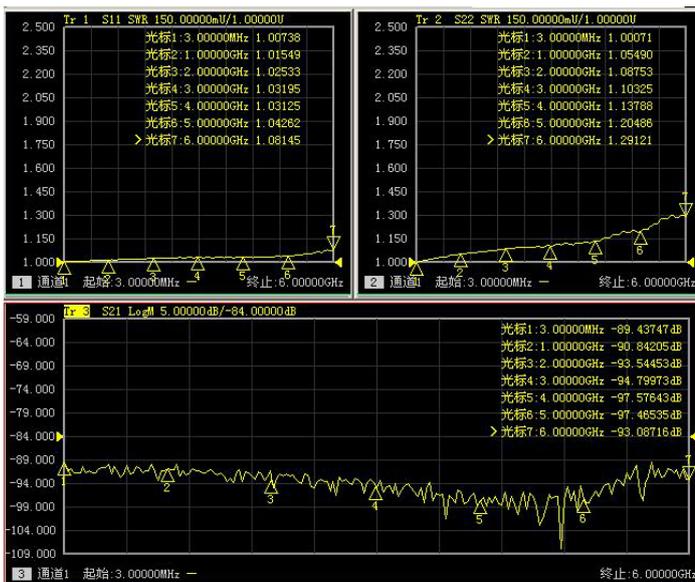


### Features

- Ultra small size with innovative microstrip technology
- Available step value:0~90dB.
- High accuracy
- High performance low cost
- Impedance: 50 ohm
- Operation repeatability:5000 times each switch
- POM material in rotary switch,operating up to 85°C
- Smart size

### Characteristic

For example the testing curves of VAB069001 of 90 dB



### Specifications

Frequency Range	DC to 6.0GHz
Attenuation	0 to 90dB
Step Value	1 dB
Insertion loss at 0dB	1.0dB at 3.0GHz 1.8dB at 6.0GHz

Attenuation Accuracy 0~70dB (typical)

-1.0dB to+1.0dB from DC to 3.0GHz

-1.0dB to +3.0dB from DC to 6.0GHz

Attenuation Accuracy 70~90dB (typical)

-1.0dB to+1.0dB from DC to 3.0GHz

-1.0dB to +7.0dB from DC to 6.0GHz

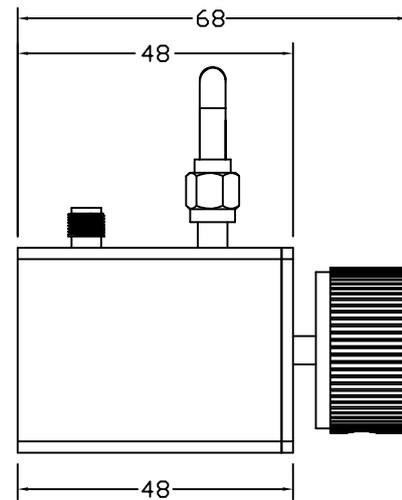
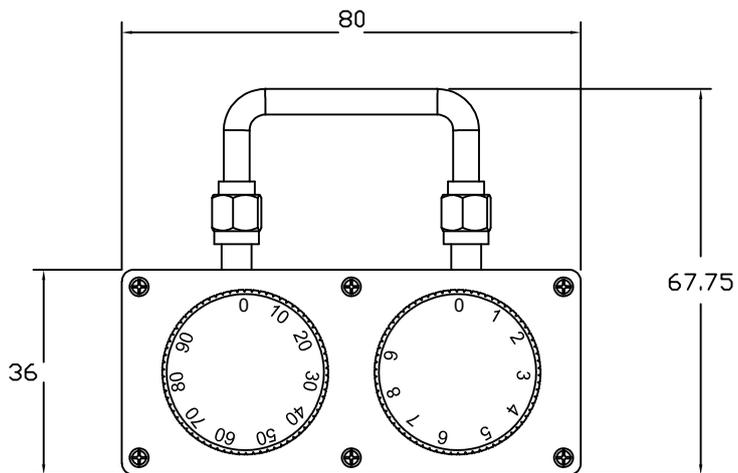
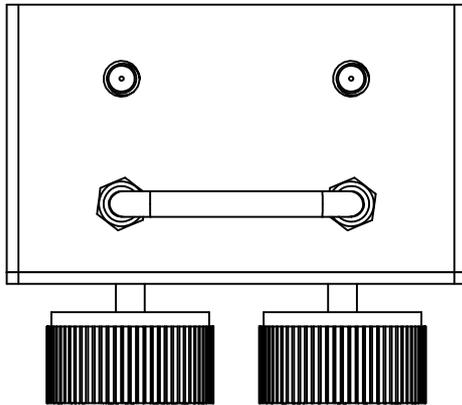
Nominal Impedance	50 Ohm
Average Power	5 Watt
Operating Temperature	-40°C to +85°C

#### Attenuation 0~70dB

Freq. Range (GHz)	VSWR(:1)	
	Typ.	Max.
DC to 3.0	1.22	1.35
3.0 to 6.0	1.30	1.75

#### Attenuation 70~90dB

Freq. Range (GHz)	VSWR(:1)	
	Typ.	Max.
DC to 3.0	1.22	1.35
3.0 to 6.0	1.30	1.50

**Package Outlines Units:mm****NOTE:**

1. ALL dimensions shown in mm(tolerance: +/-0.2mm) unless stated otherwise
2. RoHS Compliant in accordance with EU Directive(2011/65/EU)