

Variable Attenuator VAX Series

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



Features

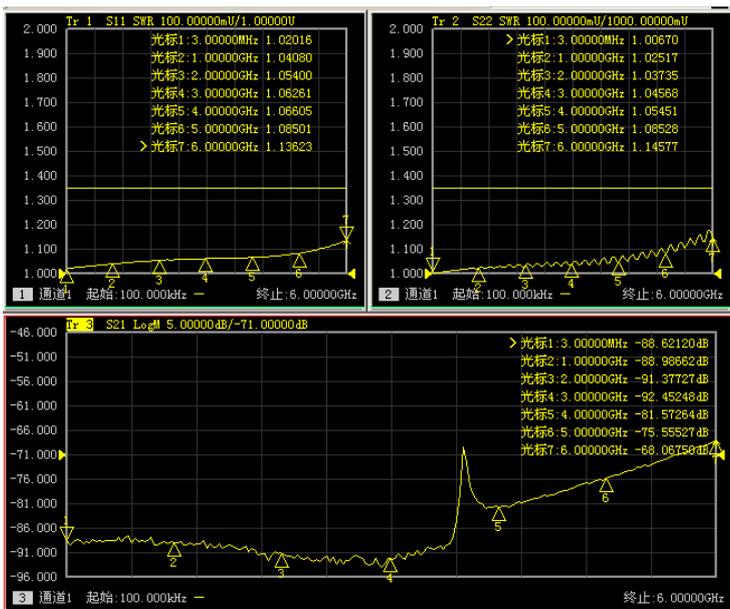
- Ultra small size with innovative microstrip technology
- Available step value:0~90dB.
- High accuracy
- High performance low cost
- Impedance: 50 ohm
- Operation repeatability:5000 times each switch
- POM material in rotary switch,operating up to 85°C
- Smart size

Specifications

Frequency Range	DC to 6.0GHz
Attenuation	0 to 90dB
Step Value	10 dB
Insertion loss at 0dB	$\pm 1.2\text{dB}$ from DC to 6.0GHz
Attenuation Accuracy (typical)	$\pm 1.5\text{dB}$ from DC to 6.0GHz(<40dB) $\pm 1.0\text{dB}$ from DC to 6.0GHz (40dB to 60dB) $\pm 25\text{dB}$ from DC to 6.0GHz (>60dB)

Characteristic

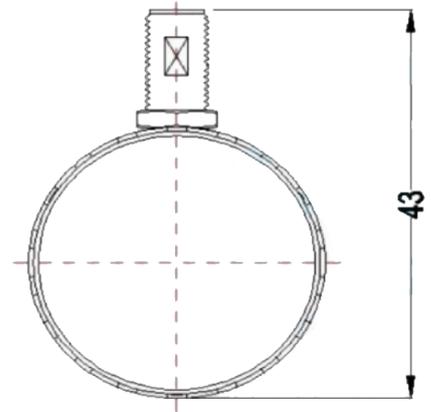
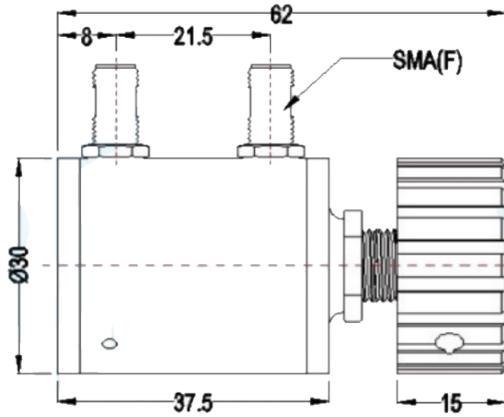
For example the testing curves of VAX069010 of 90 dB



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

Attenuation 0~90dB

Freq. Range (GHz)	VSWR(:1)	
	Typ.	Max.
DC to 6.0	1.20	1.50

Package Outlines Units:mm**NOTE:**

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