

Manual Step Attenuator

- ◆ DC to 1GHz
- ◆ 0 to 90dB in 10dB Step
- ◆ 2 Watt
- ◆ Connector Type:SMA,N,TNC,F,BNC etc. available.



Features

- Using advanced microstrip technology, ultra-small size
- Attenuation values are adjustable in a power-on state, no sudden big reflection.
It adopts an innovative technology, and thus it eliminates sudden big reflection in attenuators when attenuation is being adjusted, preventing the preliminary RF circuit from being burnt, and keeping the system stable
- Stepvalues:10dB,10dB,10dB,10dB,10dB,10dB,10dB,10dB,10dB,10dB
- 10 attenuation values
- High attenuation accuracy, low insertion loss.
- High adjustment accuracy
- Low cost – High Performance
- Adjusting the transmitting (receiving) distance of RF signal precisely. Adjusting accuracy is limited to 5cm.
- Switch repeatability avg.> 10000 operations (5000 cycles) per switch.
- PC(Polycarbonate) Switch, operating temperature of 120°C is available.
- Attenuation values are adjustable in a power-on state, test data can be read continuously, no interruption.

Specifications

Frequency Range	DC to 1GHz
Attenuation	0 to 90dB
Step Value	10dB
Insertion loss at 0dB	1.0dB at 1GHz
Attenuation Accuracy	(typical)

FREQ. RANGE (GHz)	Attenuation Accuracy(dB)
DC to 0.6	± 1
0.6 to 1	± 6

Nominal Impedance	75 Ohm
Average Power	2 Watt
Operating Temperature	-40°C to +85°C

FREQ. RANGE (GHz)	Typical SWR(:1)	Maximum SWR(:1)
DC to 1.0	1.4	1.7

Characteristic

For example the testing curves of VAS069010F22 of 60dB



