

Coaxial Fixed Attenuator

SRFS-67XXVC2A

DC-67 GHz, 1-30 dB, 2 Watts, 1.85mm, Bidirectional



Electrical

Impedance	50 ohm		
Frequency Range	DC-67 GHz		
VSWR	1.35 max		
Input Avg Power	2W@ 25°C ambient, derating linearly to 0.2W at 100°C		
Peak Power	50W (5 micro-sec pulse width, 2% duty cycle)		
Direction	Bidirectional, 1.85mm female to 1.85mm male (other configurations available)		

Attenuation(dB)	1-10	20	30
Accuracy(dB)	-1.0/+1.2	-1.2/+1.2	-1.5/+1.5

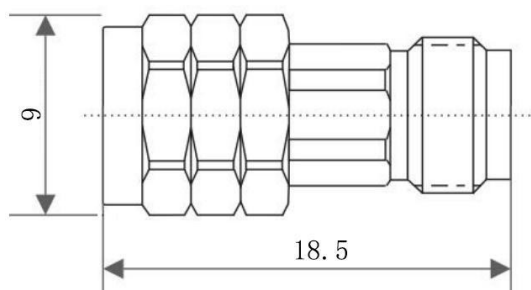
Mechanical

Connector Body	Passivated stainless steel
Female Center Contact	1.27um Gold plated BeCu
Male Center Contact	1.27um Gold plated brass
Net Weight	Approx 5 g

Environmental

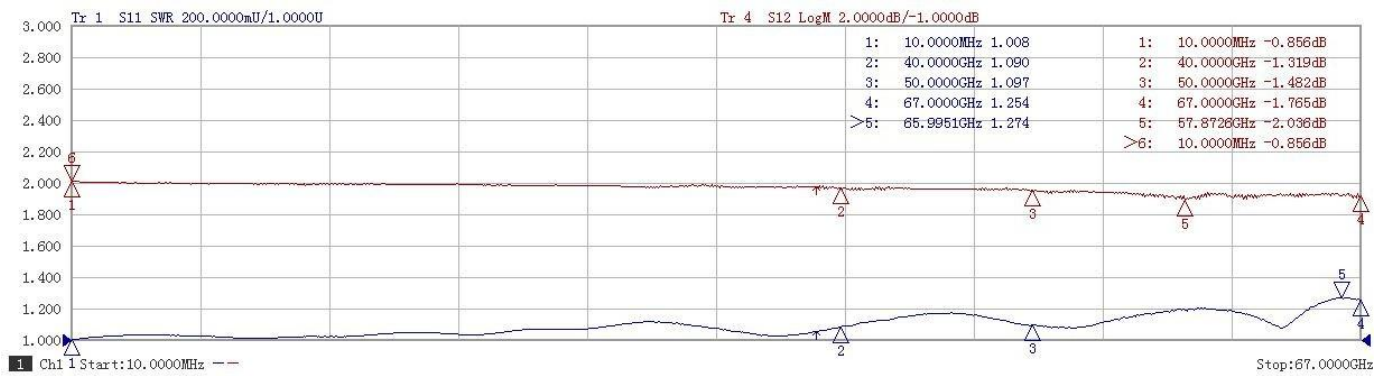
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 125°C
RoHS	Compliant
Temperature Coefficient	<0.0004 dB/dB/°C

Dimensions(mm)



Typical Test Data

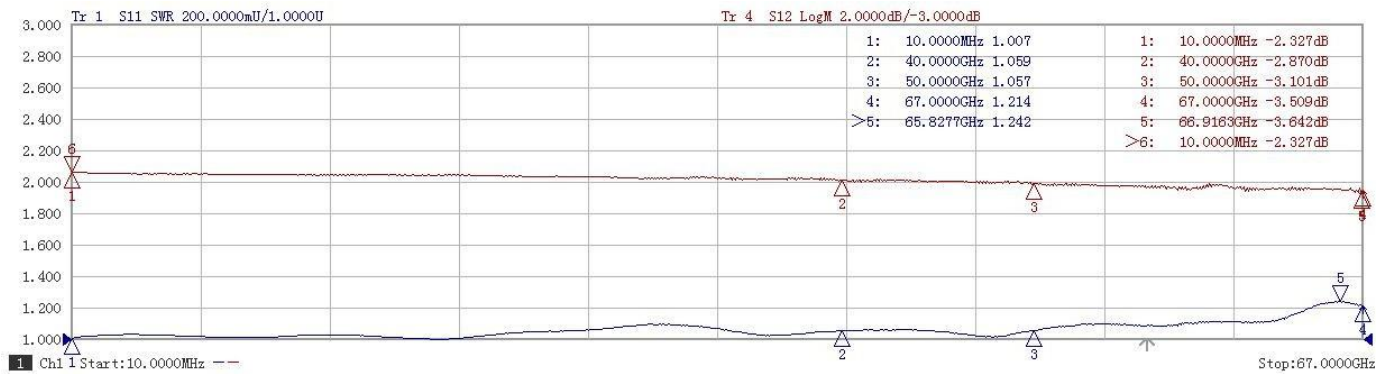
1dB



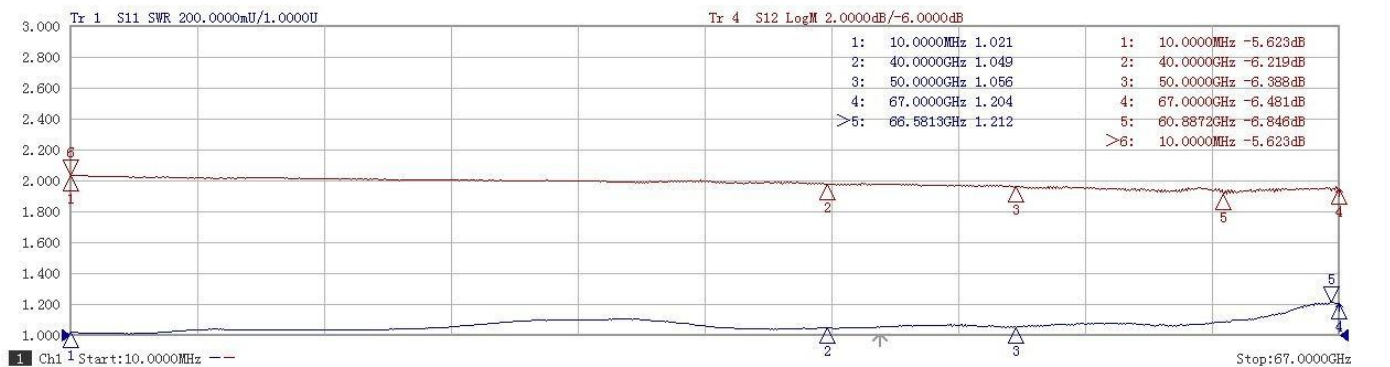
2dB



3dB

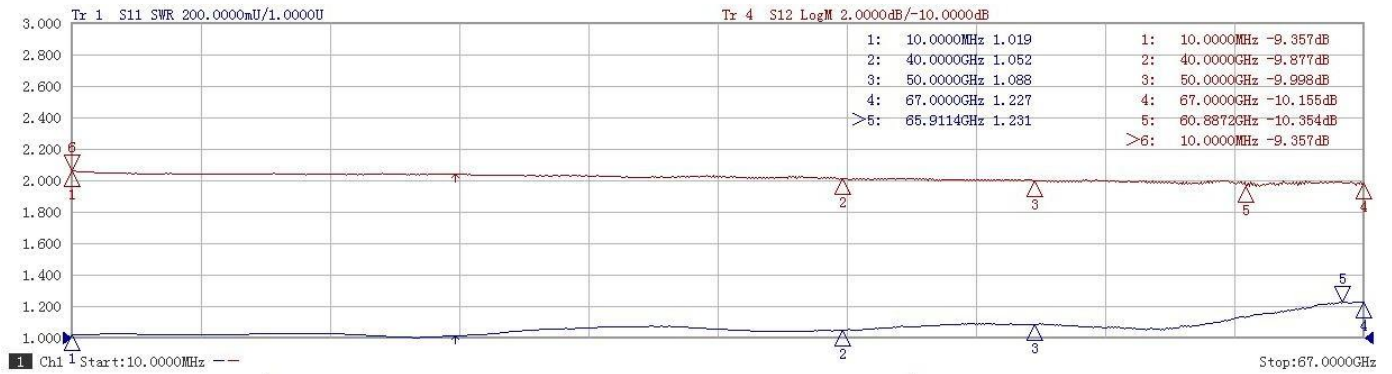


6dB

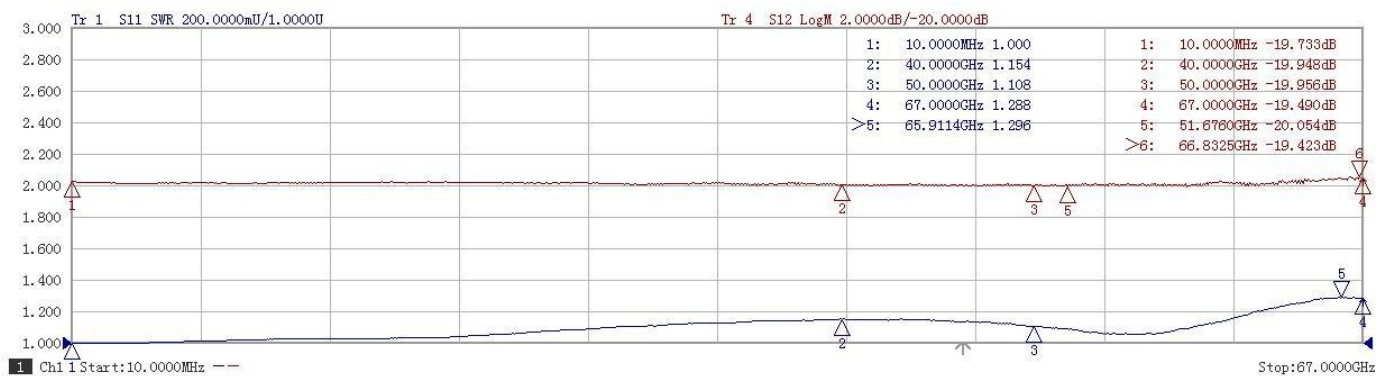


Typical Test Data

10dB



20dB



30dB

