

Coaxial Fixed Attenuator

SRFS-50XX24C2A

DC-50 GHz, 1-30 dB, 2 Watts, 2.4mm, Bidirectional



Electrical

Impedance	50 ohm		
Frequency Range	DC-50 GHz		
VSWR	1.3 max		
Input Avg Power	2W@ 25°C ambient, derating linearly to 0.3W at 100°C		
Peak Power	100W (5 micro-sec pulse width, 1% duty cycle)		
Direction	Bidirectional, 2.4mm female to 2.4mm male (other configurations available)		
Attenuation(dB)	1-10	20	30
Accuracy(dB)	-1.0/+1.0	-1.0/+1.2	-1.0/+1.2

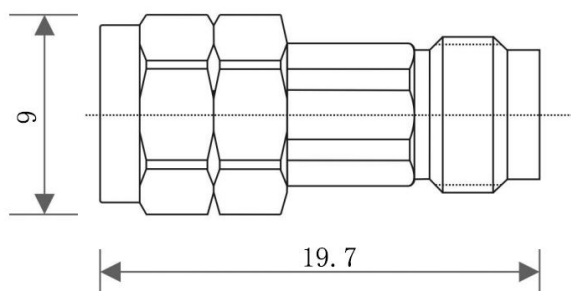
Mechanical

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

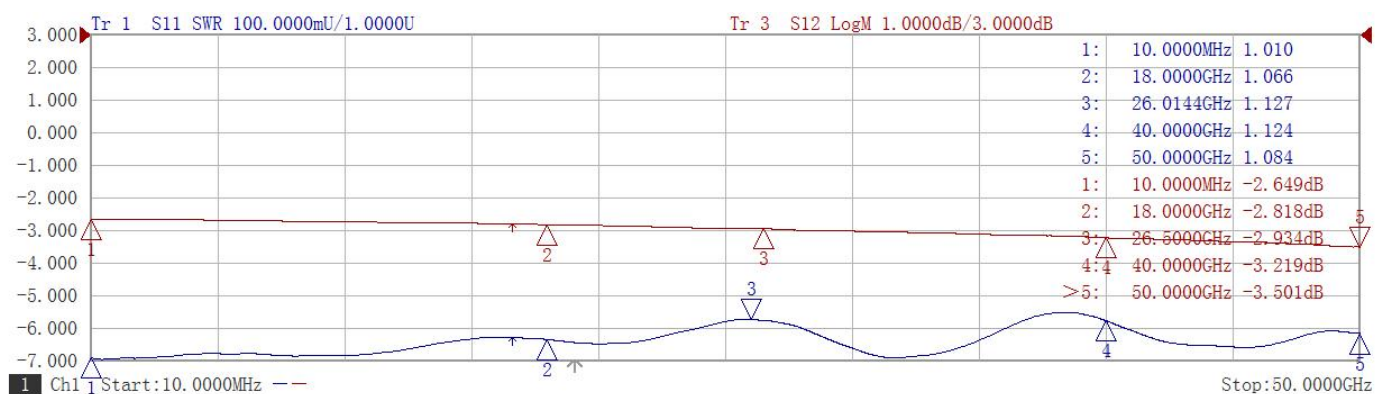
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 125°C
RoHS	Compliant
Temperature Coefficient	<0.0004 dB/dB/°C

Dimensions(mm)

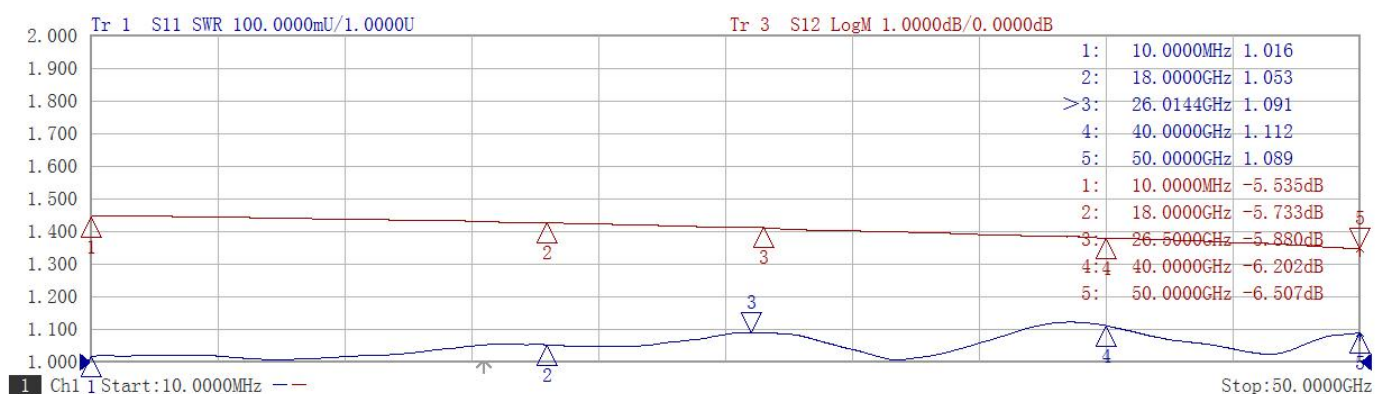


Typical Test Data

3dB



6dB



10dB



30dB

