

Coaxial Fixed Attenuator

SRFS-ATB27XXSC2

DC-27 GHz, 0-30 dB, 2 Watts, SMA, Bidirectional



Electrical

Impedance	50 ohm
Frequency Range	DC-27 GHz
VSWR	1.3 max
Input Avg Power	2W@ 25°C ambient, derating linearly to 0.2W at 100°C
Peak Power	200W (5 micro-sec pulse width, 0.5% duty cycle)
Direction	Bidirectional, SMA female to SMA male (other configurations available)
Attenuation(dB)	0-30
Accuracy(dB)	±0.65

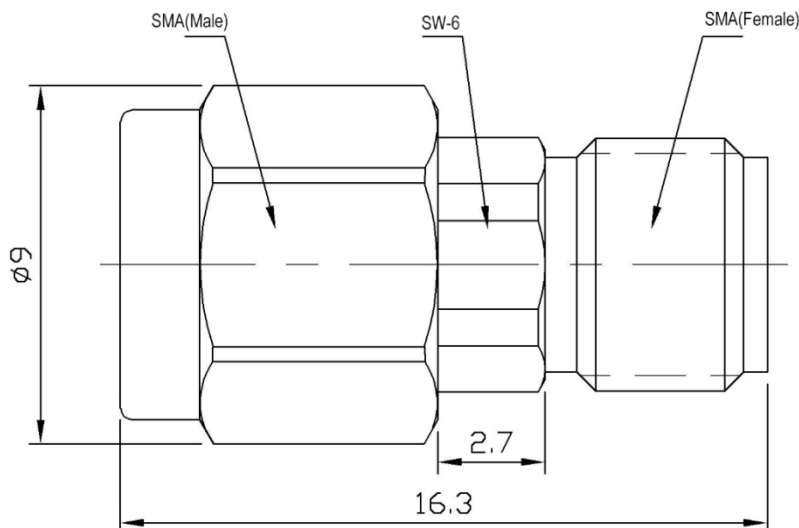
Mechanical

Connector Body	Passivated stainless steel
Heat Sink	N/A
Center Contact	Gold plated beryllium copper
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)



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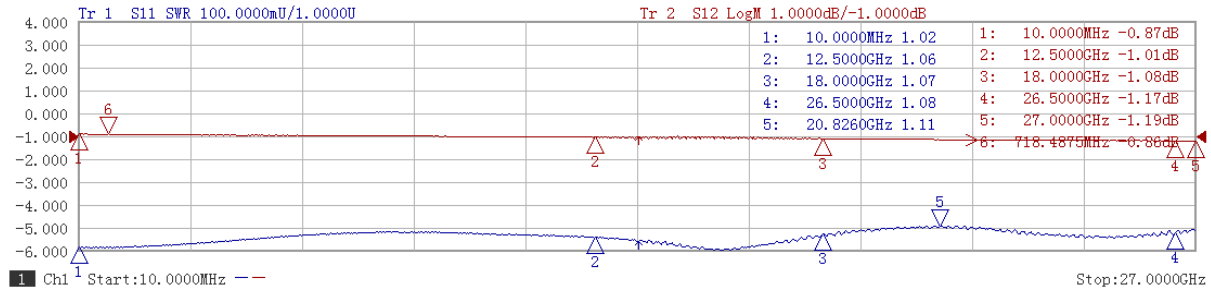
SRFS-ATB27XXSC2

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Typical Test Data)

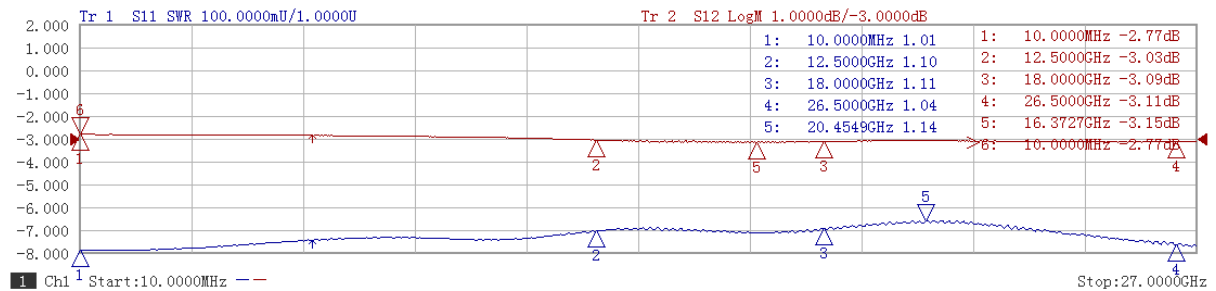
1dB



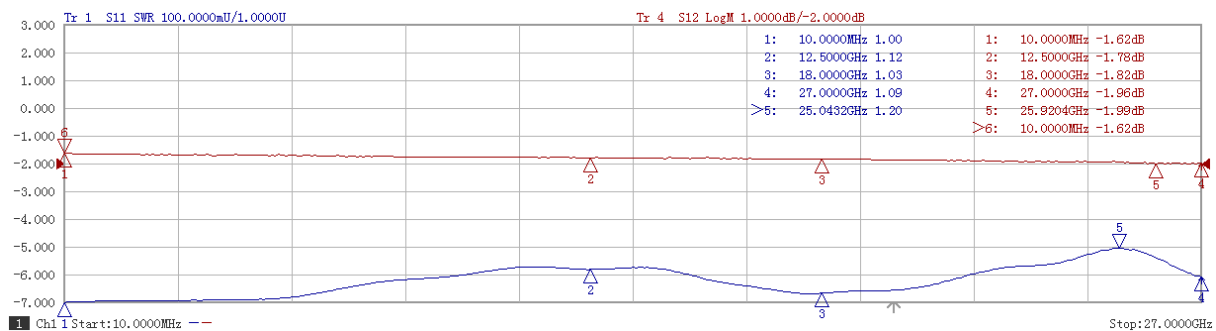
2dB



3dB



6dB



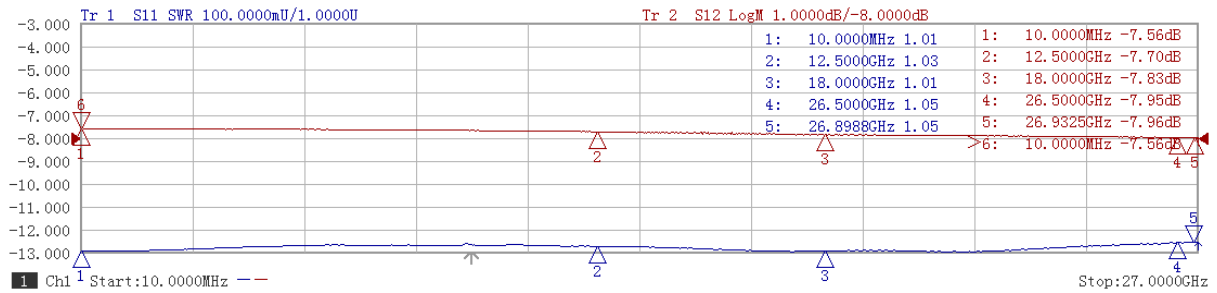
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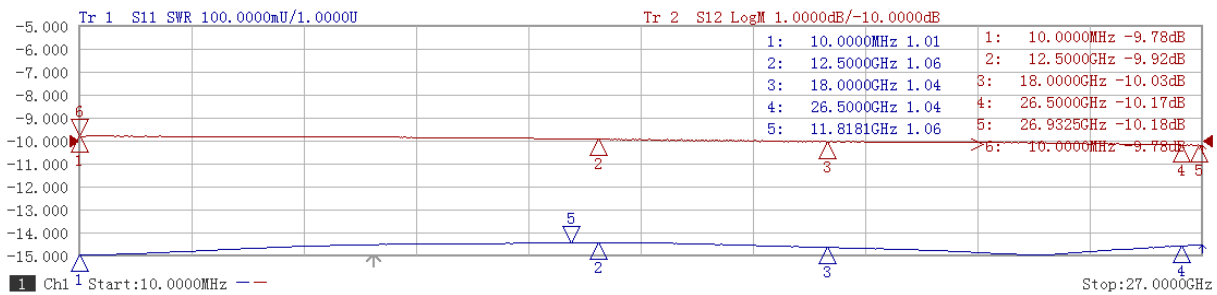


Typical Test Data

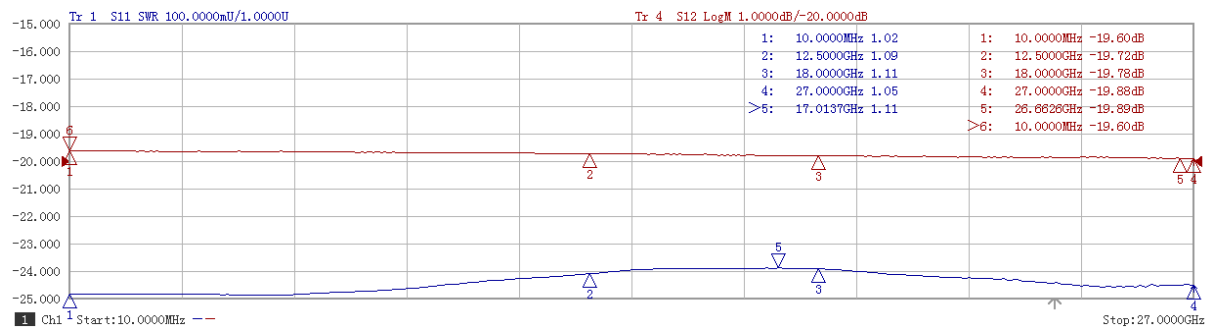
8dB



10dB



20dB



30dB

