



Electrical

Impedance	50 ohm
Frequency Range	DC-18 GHz
VSWR	1.25 max
Input Avg Power	2W@ 25°C ambient, derating linearly to 0.2W at 100°C
Peak Power	250W (5 micro-sec pulse width, 0.4% duty cycle)
Direction	Bidirectional, SMA female to SMA male (other configurations available)

Attenuation(dB)	1-6	7-10	15	20	25	30
Accuracy(dB)	±0.6	±0.6	±0.6	±0.6	±0.6	±0.6

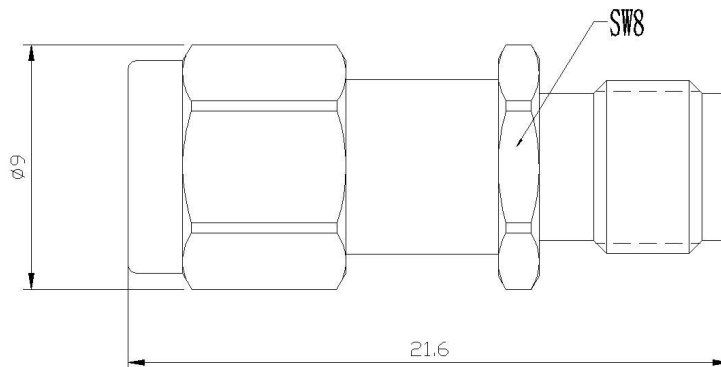
Mechanical

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



Notes

1. Customized dB values, outlines and optimal accuracy/VSWR available.

Model Description

RFHB18XXSC2M

1. XX for dB value: 06=6dB, 30=30dB

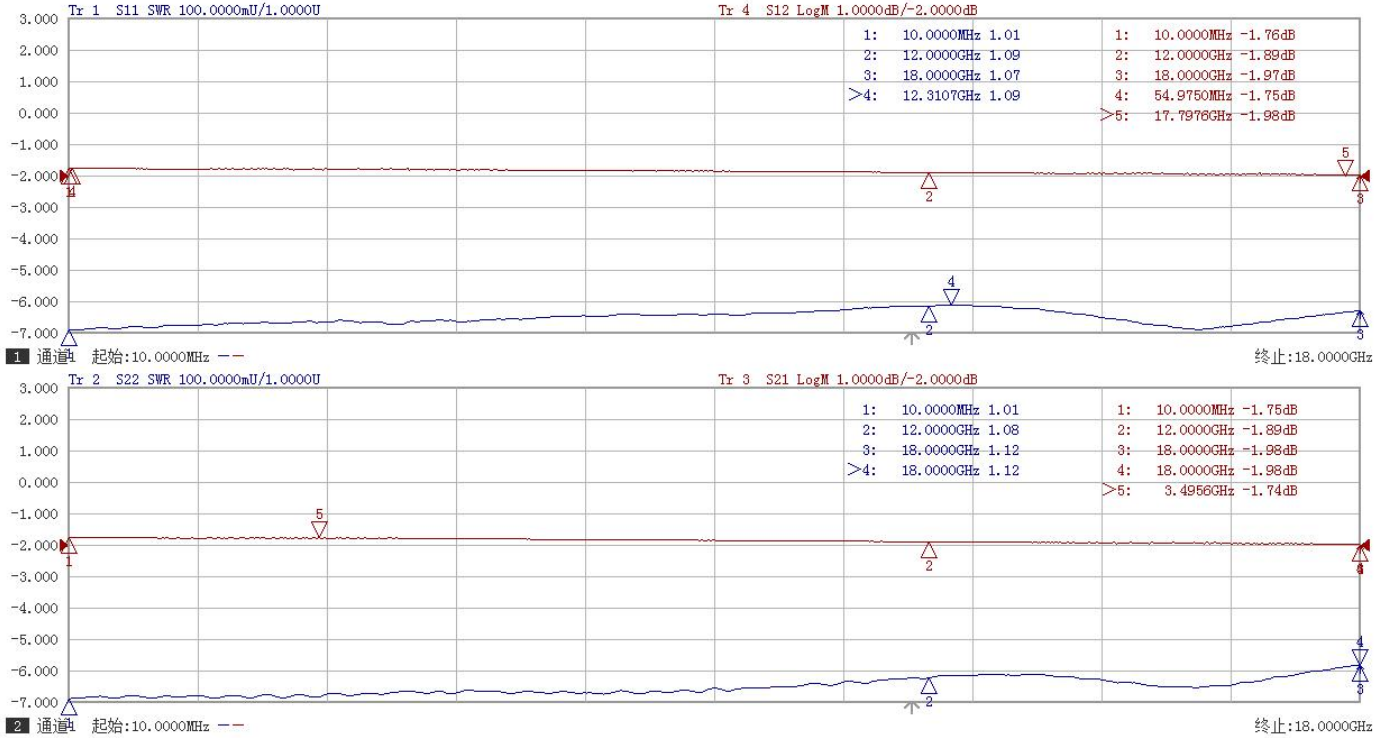
2. Code for connector configuration:

A=female for two ends; B=male for two ends

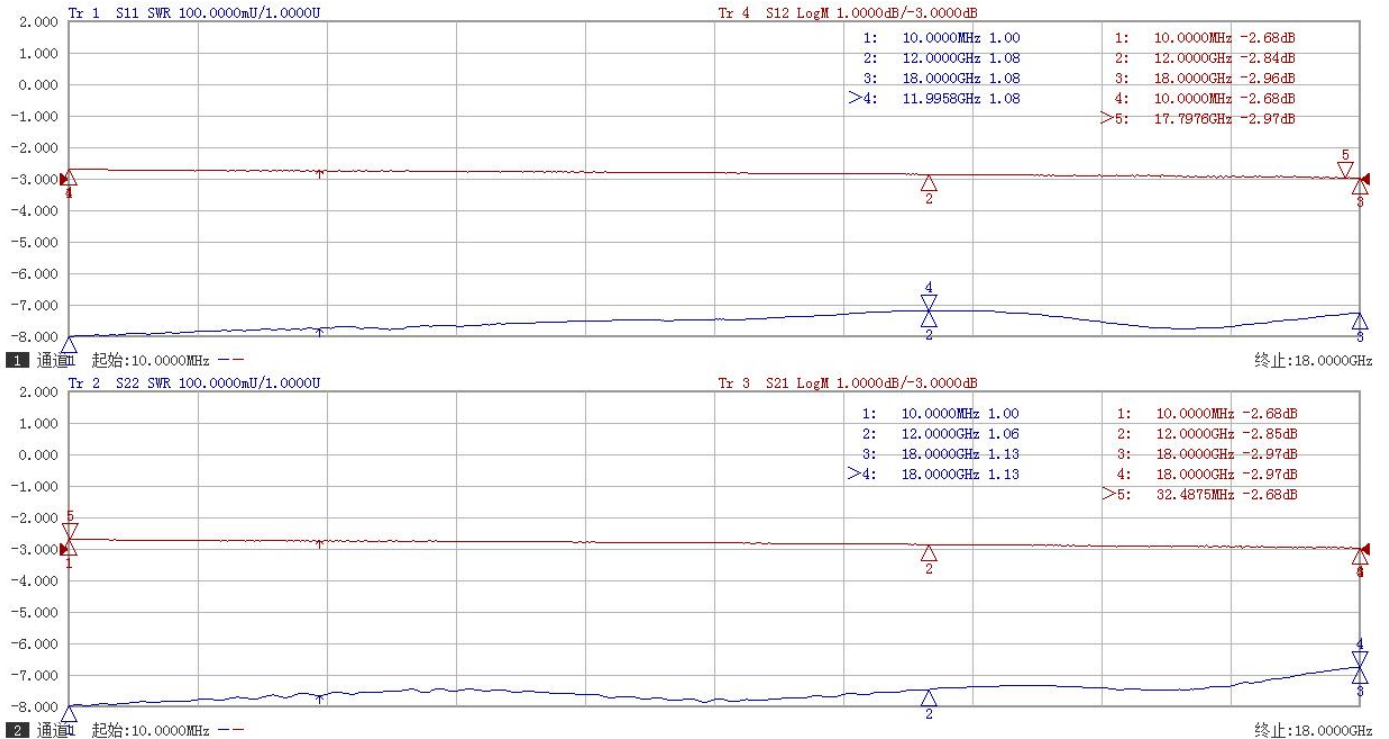
C=female for one end and male for the other.

Typical Test Data(Contact us at sales@rfone.cn for test plots of more models)

2dB

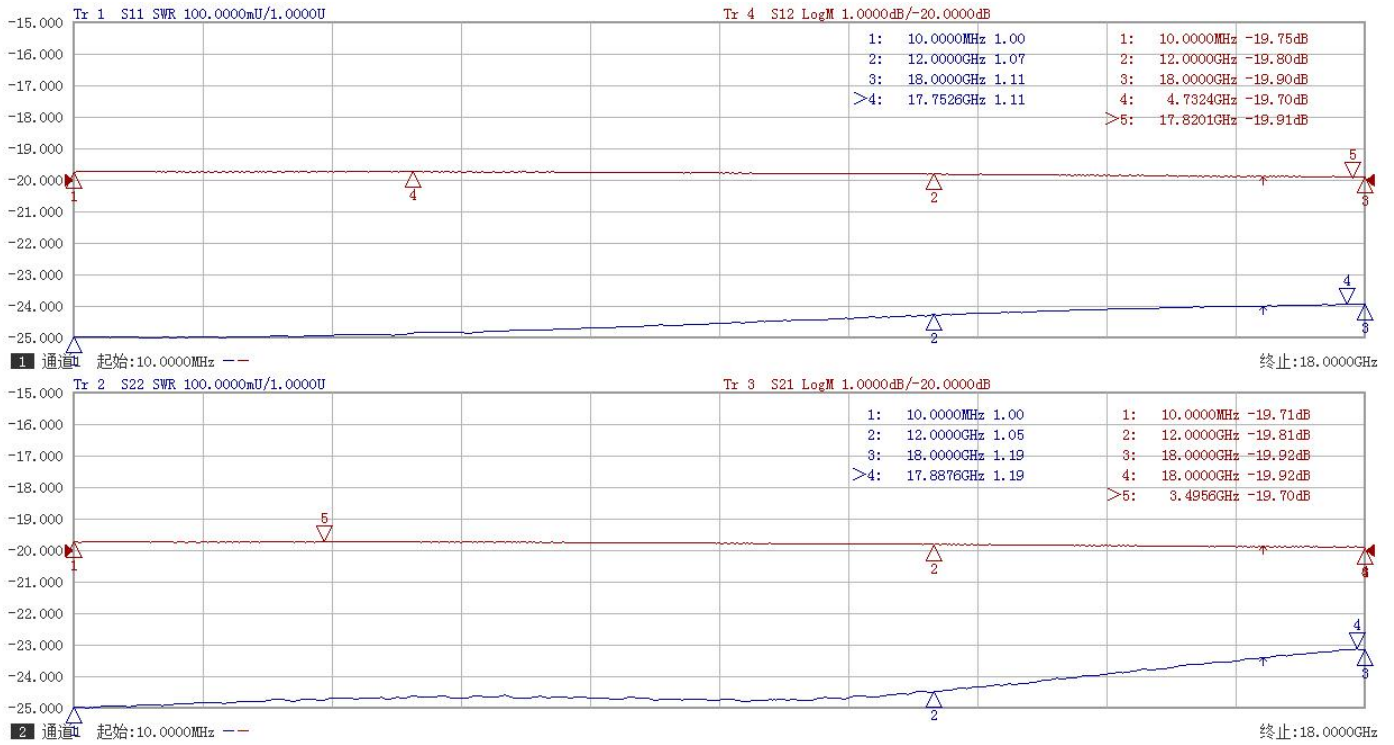


3dB

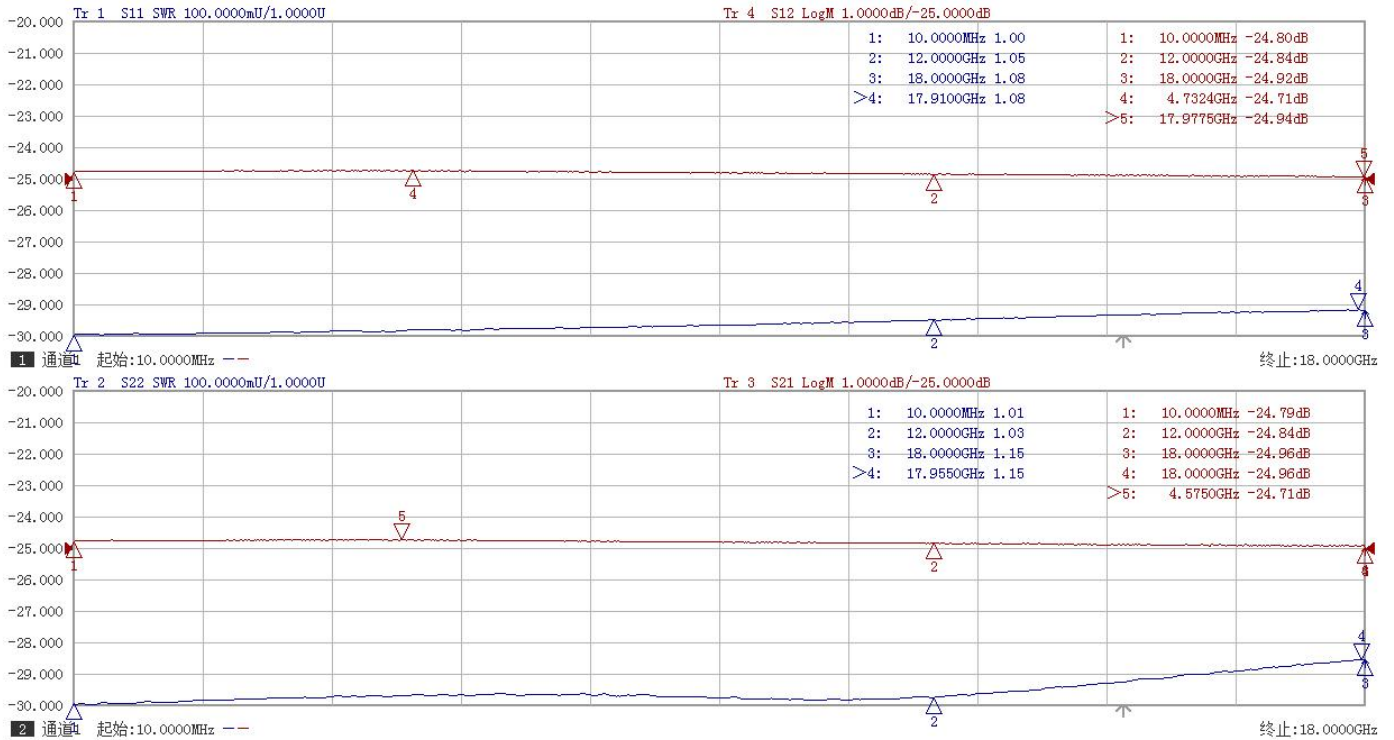


Typical Test Data(Contact us at sales@rfone.cn for test plots of more models)

20dB



25dB



Typical Test Data(Contact us at sales@rfone.cn for test plots of more models)

30dB

