



**Electrical**

<b>Impedance</b>	50 ohm					
<b>Frequency Range</b>	DC-18 GHz					
<b>VSWR</b>	1.25 max					
<b>Input Avg Power</b>	2W@ 25°C ambient, derating linearly to 0.2W at 100°C					
<b>Peak Power</b>	200W (5 micro-sec pulse width, 0.5% duty cycle)					
<b>Direction</b>	Bidirectional, SMA female to SMA male (other configurations available)					

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

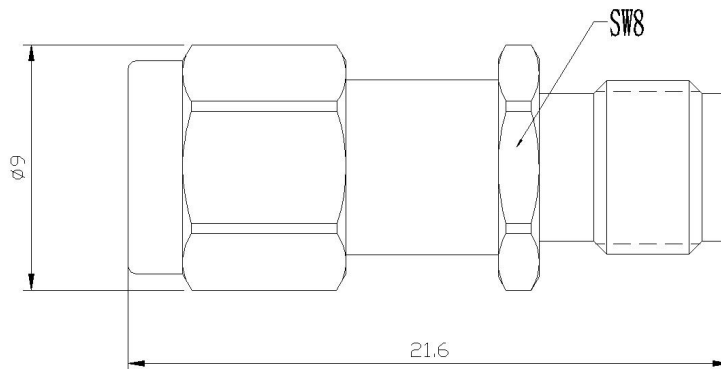
**Mechanical**

<b>Connector Body</b>	Passivated stainless steel
<b>Heat Sink</b>	N/A
<b>Center Contact</b>	Gold plated beryllium copper/brass
<b>Net Weight</b>	5 g

**Environmental**

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

**Dimensions(mm)**



**Notes**

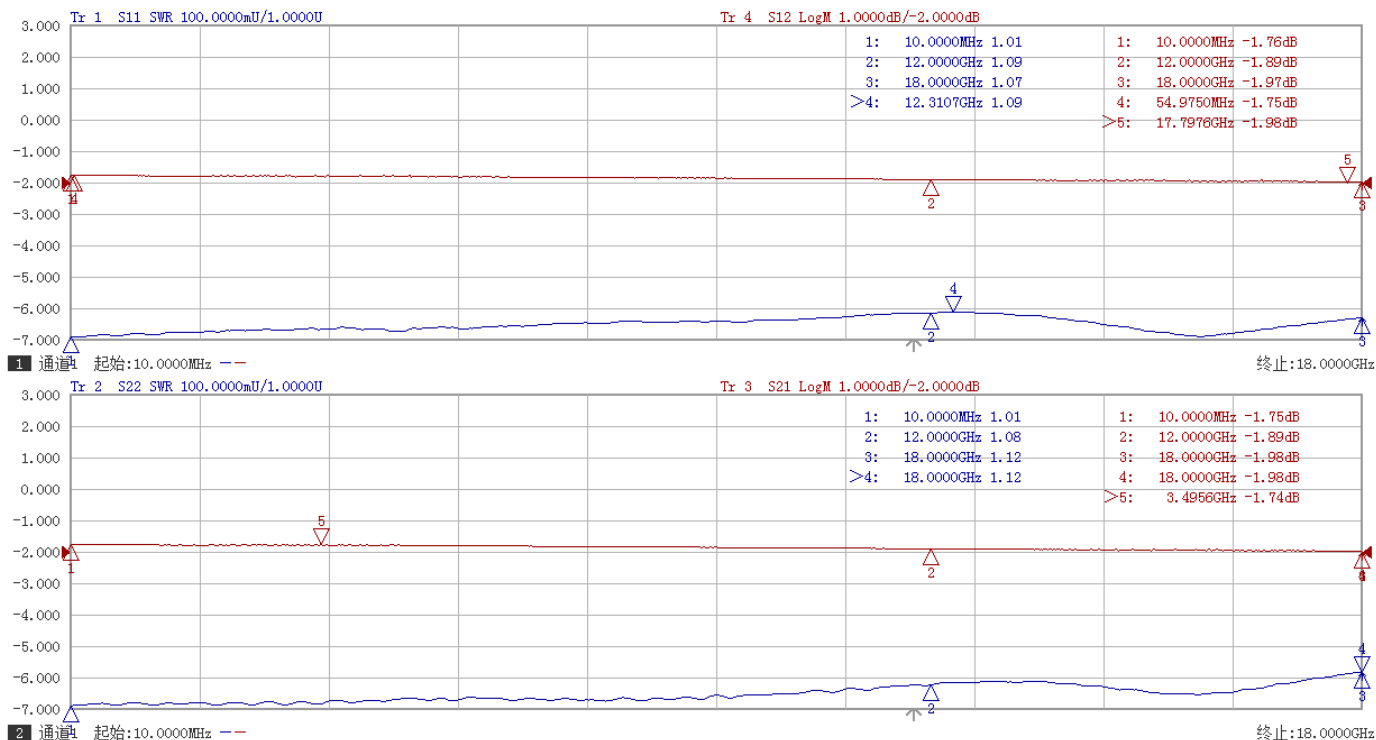
1. Customized dB values, outlines and optimal accuracy/VSWR available.

**Model Description**

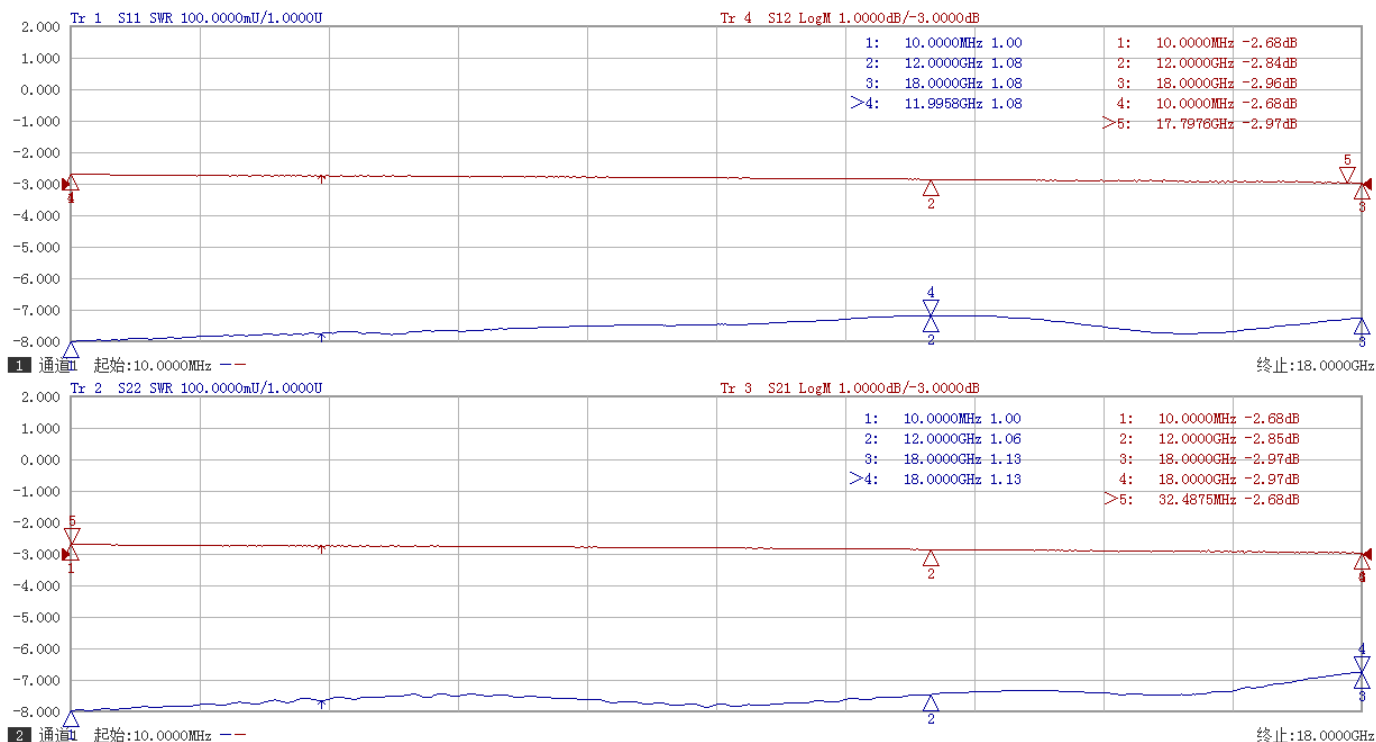
**RFHB18XXSC2M**

- 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.

### 2dB

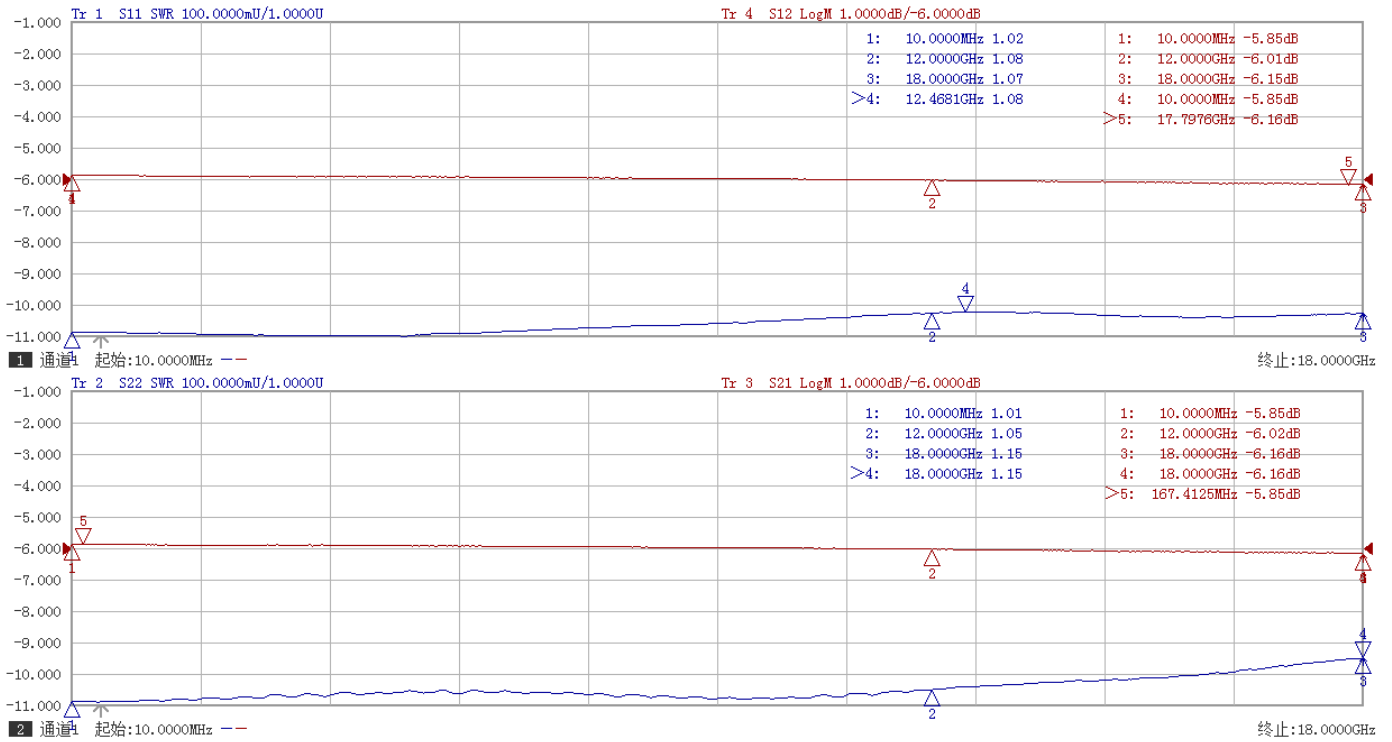


### 3dB

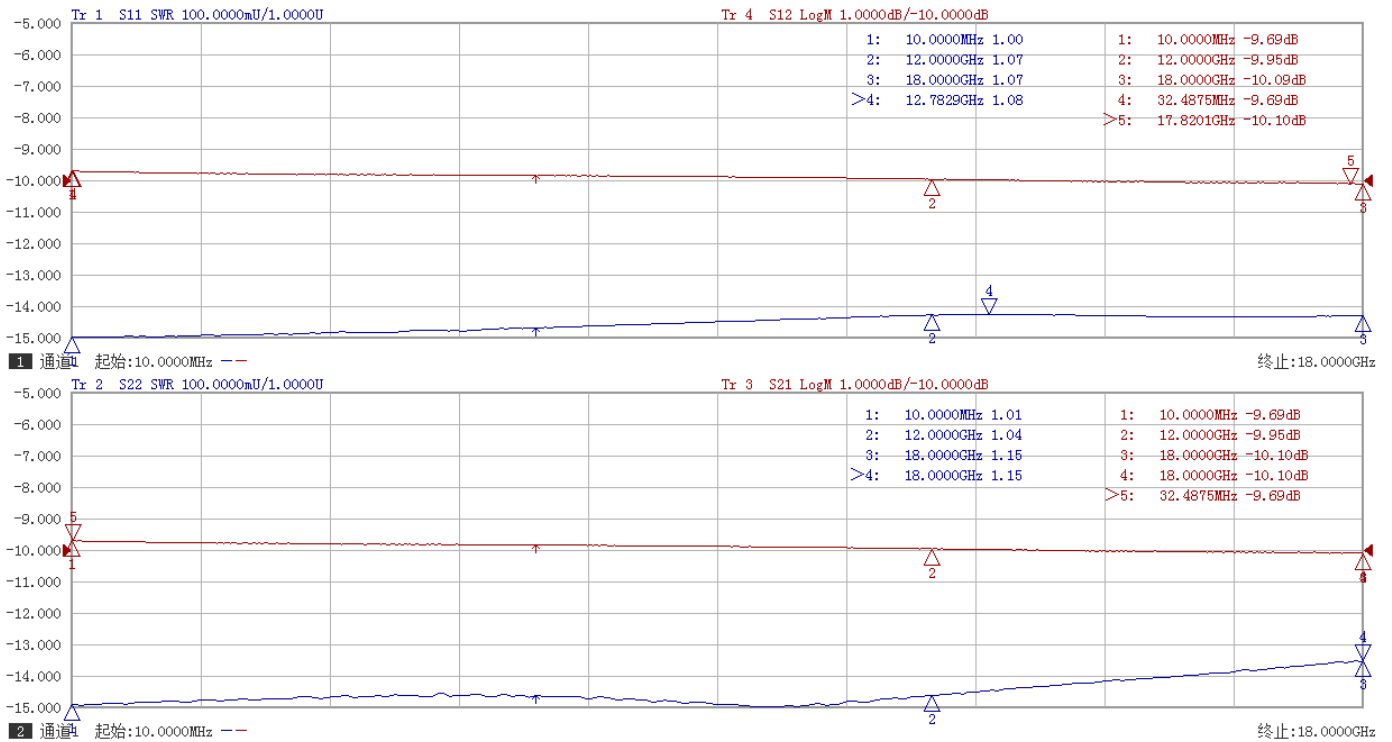


Typical Test Data(Contact us at [sales@rfone.cn](mailto:sales@rfone.cn) for test plots of more models)

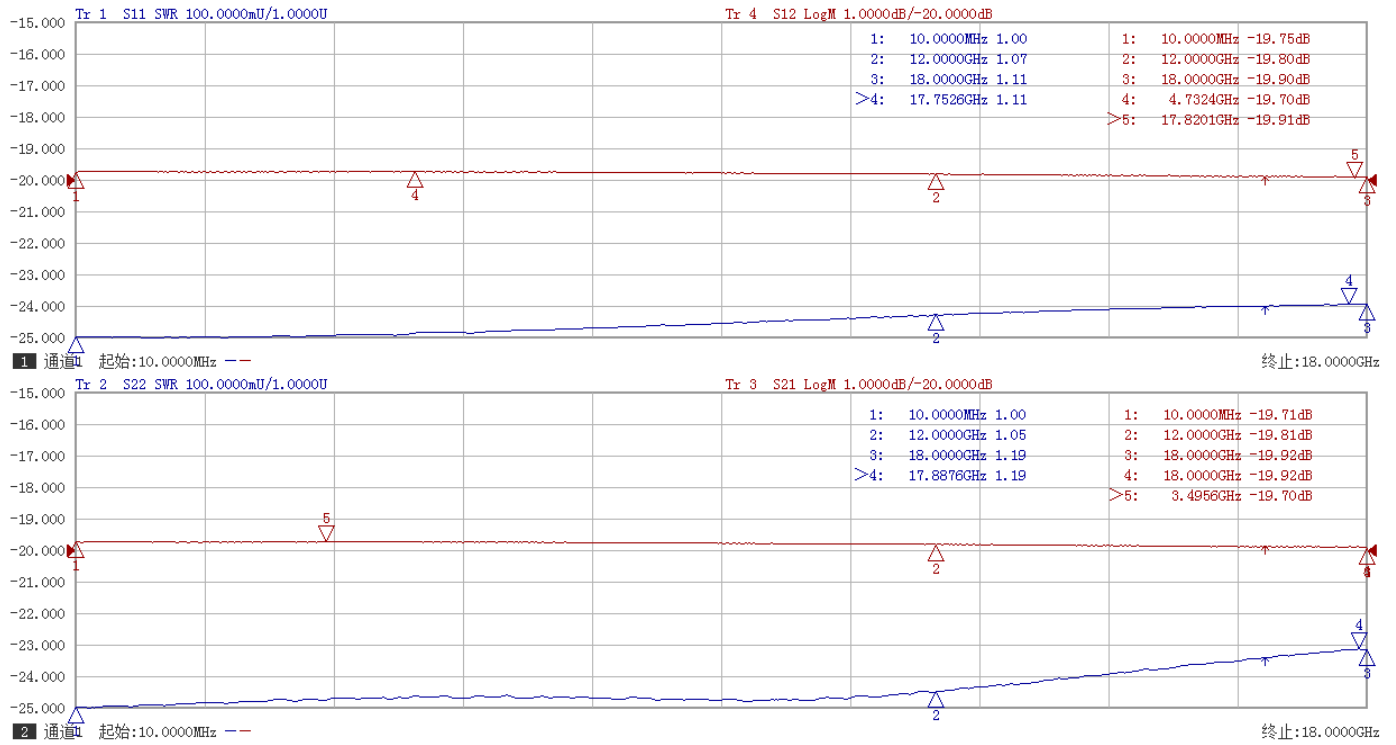
### 6dB



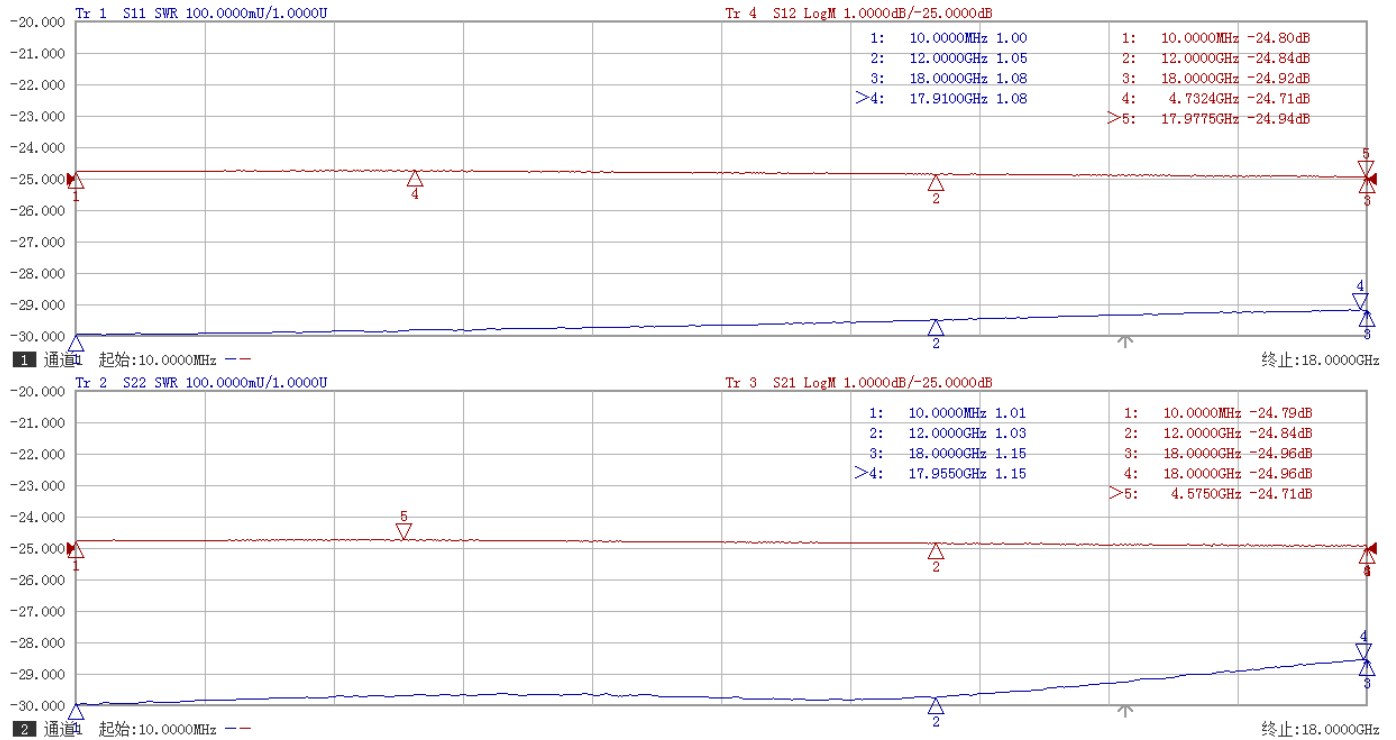
### 10dB



### 20dB



### 25dB



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

### 30dB

