

Coaxial Fixed Attenuator

RFHB1C-XX

DC-110 GHz, 1.0mm male to 1.0mm Female, 1 Watts, 3-40dB



Rev 1

Electrical

Impedance	50 ohm						
Frequency Range	DC-110 GHz						
VSWR	1.5 max						
Input Avg Power	1W@ 25°C ambient, derating linearly to 0.1W at 100°C						
Peak Power	5W (5 micro-sec pulse width, 10% duty cycle)						
Direction	Bidirectional, 1.0mm female to 1.0mm male (other configurations available)						

Attenuation(dB)	3	5	6	10	20	30	40
Accuracy(dB)	-1.5/+1.5	-1.5/+1.5	-1.5/+1.5	-1.2/+1.2	-1.0/+1.5	-2.0/+2.0	-4.0/+2.0

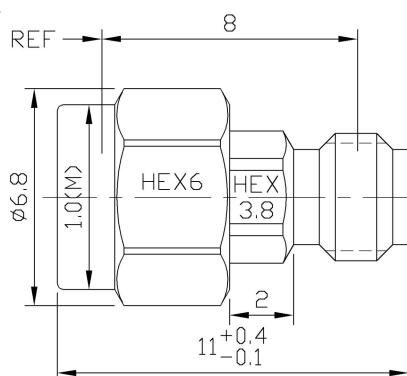
Mechanical

Connector Body	Passivated stainless steel
Insulators	PEI
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 2 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

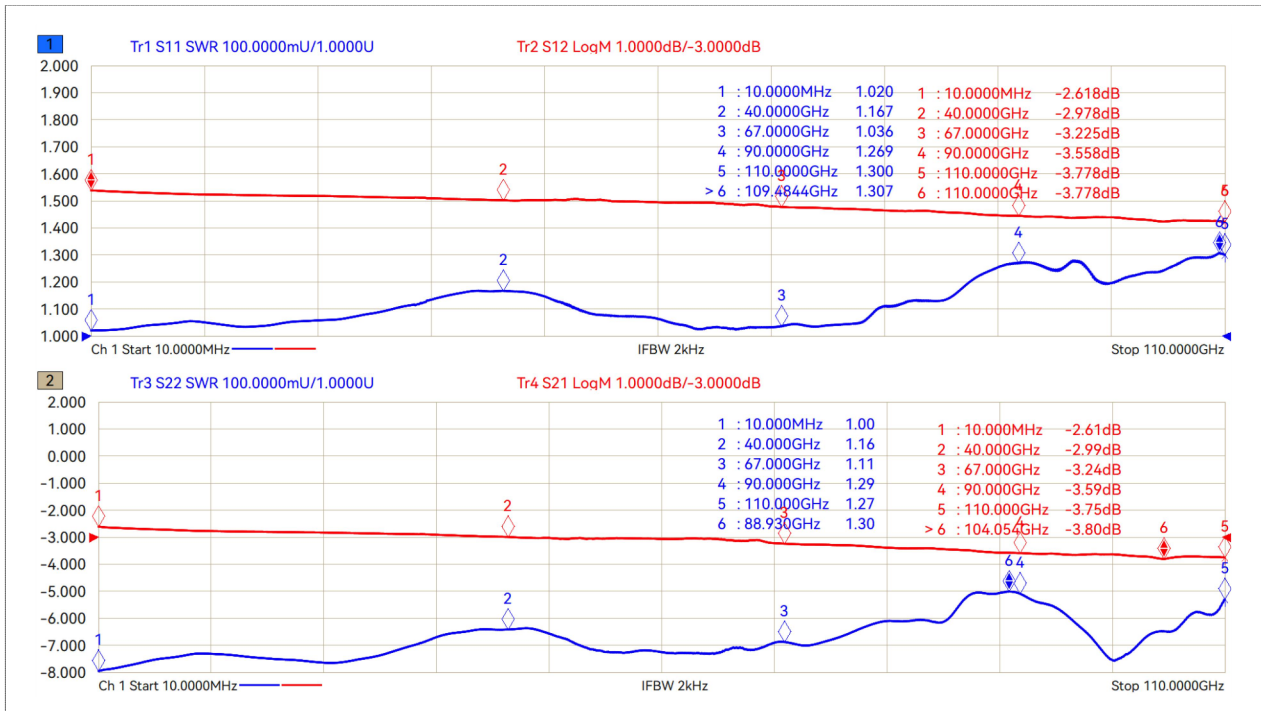
Dimensions(mm)



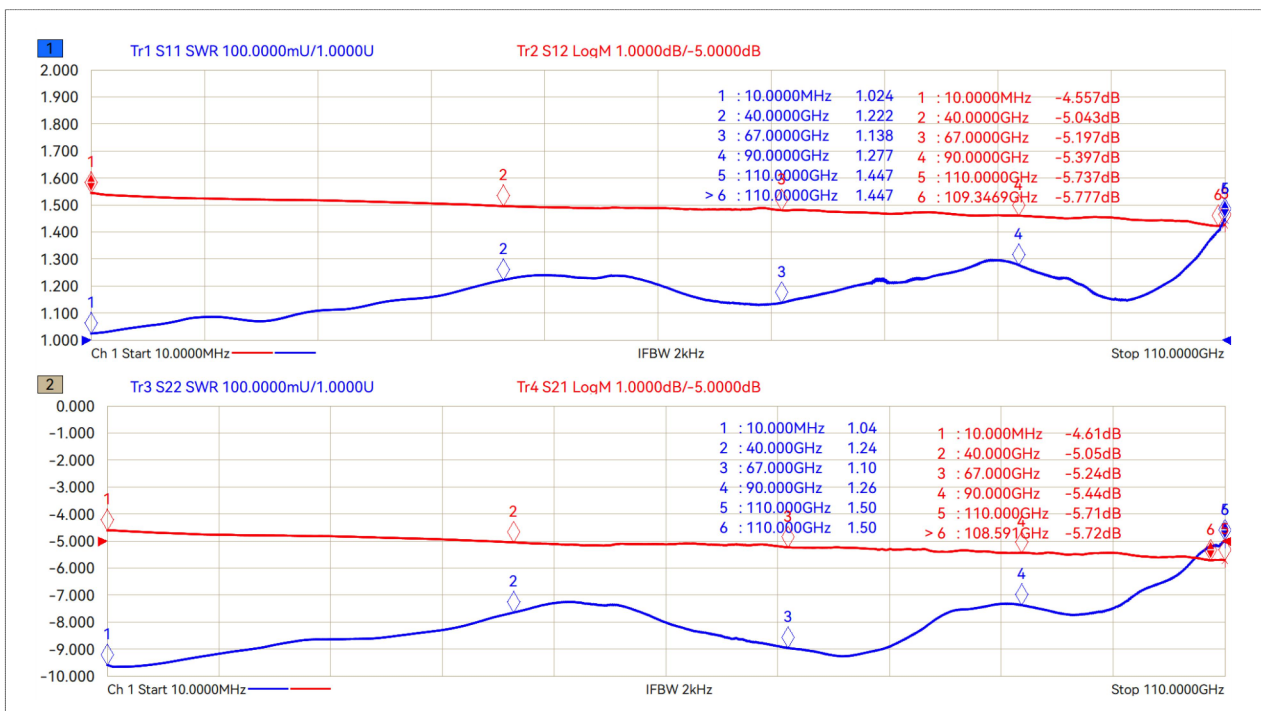


Typical Test Data(Contact us at sales@rfone.cn for test plots of more models)

3dB



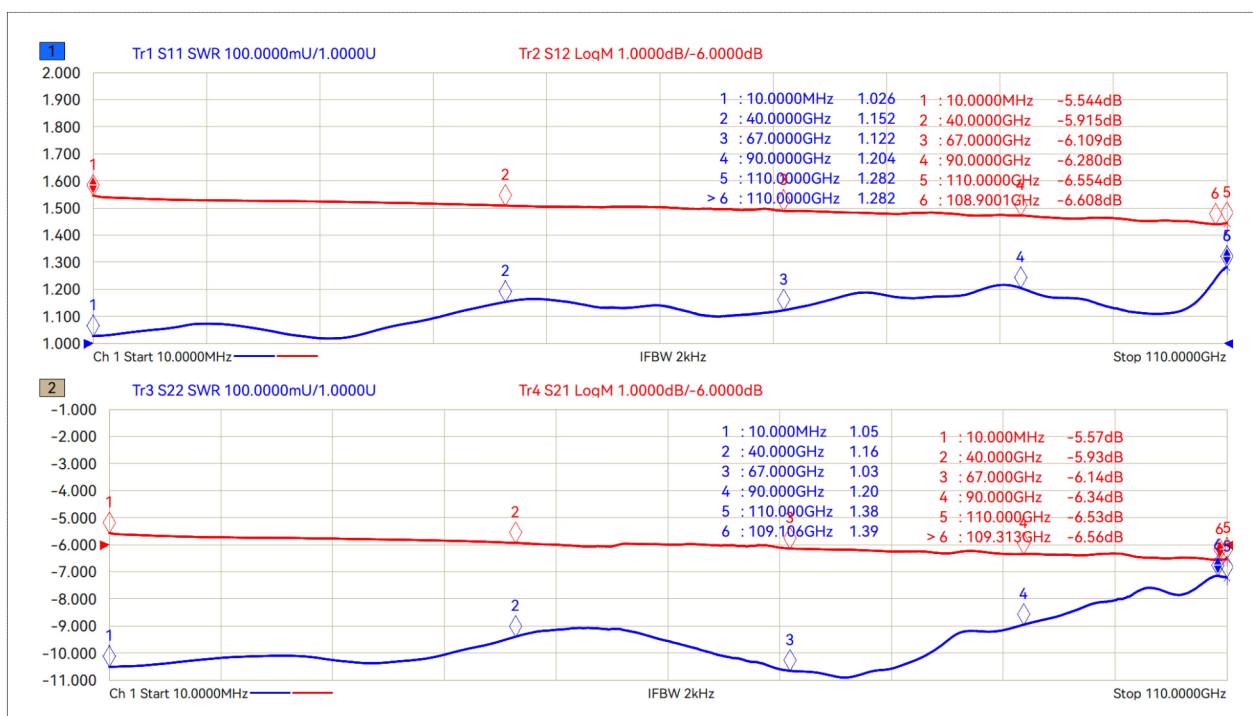
5dB



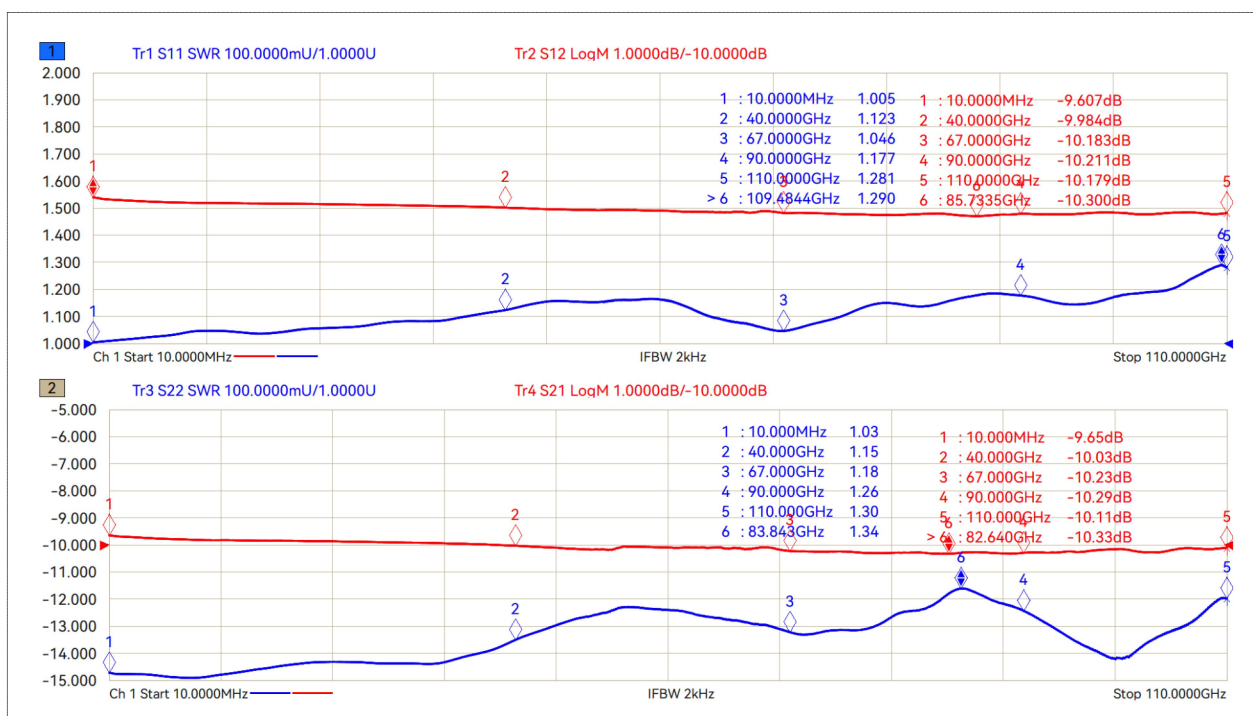


Typical Test Data(Contact us at sales@rfone.cn for test plots of more models)

6dB



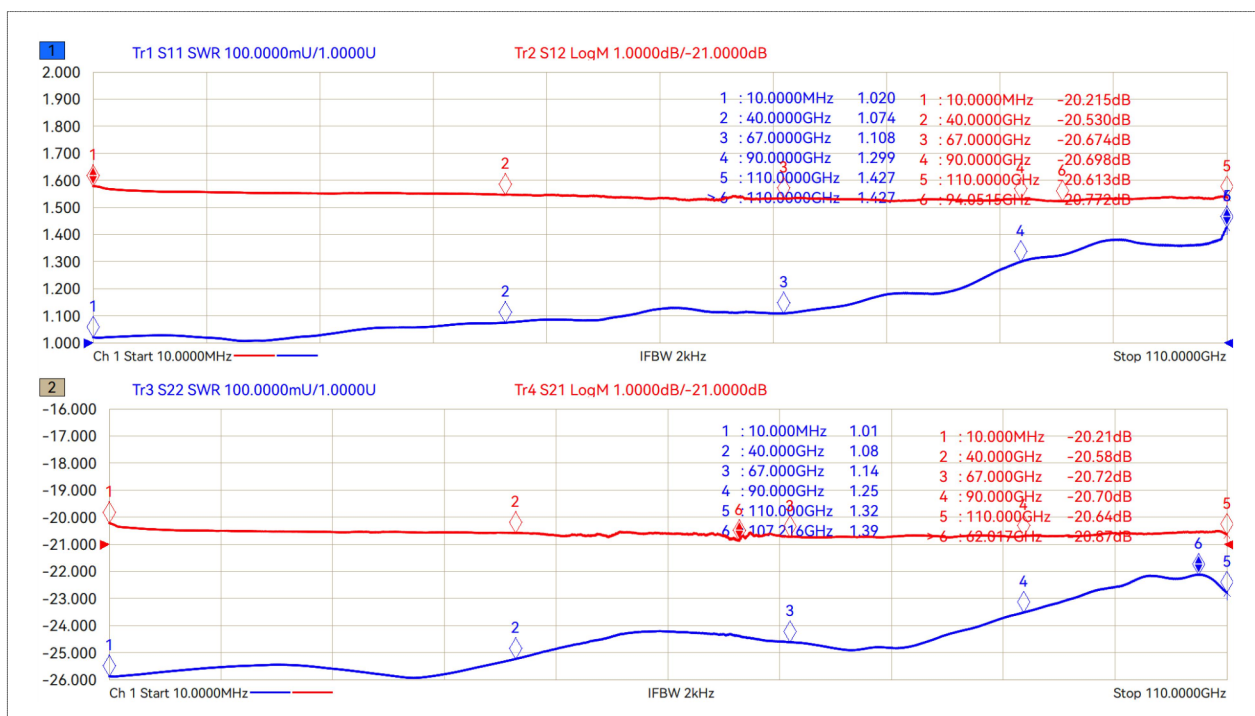
10dB





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

20dB



40dB

