

Coaxial Fixed Attenuator

RFHB40XXKC2A

DC-40 GHz, 1-30 dB, 2 Watts, 2.92mm, Bidirectional



Rev 2

Electrical

Impedance	50 ohm		
Frequency Range	DC-40 GHz		
VSWR	1.25 max		
Input Avg Power	2W@ 25°C ambient, derating linearly to 0.5W at 100°C		
Peak Power	200W (5 micro-sec pulse width, 1% duty cycle)		
Direction	Bidirectional, 2.92mm female to 2.92mm male (other configurations available)		
Attenuation(dB)	0-15	20	30
Accuracy(dB)	-0.7/+0.7	-0.8/+0.8	-1.0/+1.0

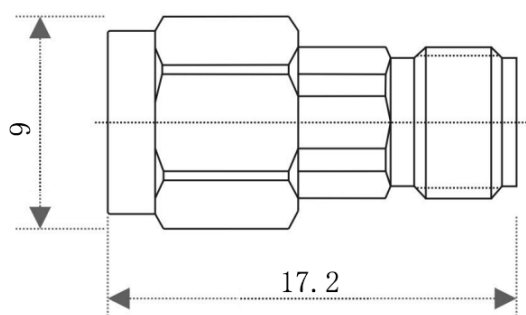
Mechanical

Connector Body	Passivated stainless steel
Female Center Contact	1.27um Gold plated BeCu
Male Center Contact	1.27um Gold plated brass
Net Weight	About 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

RFHB40XXKC2A

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

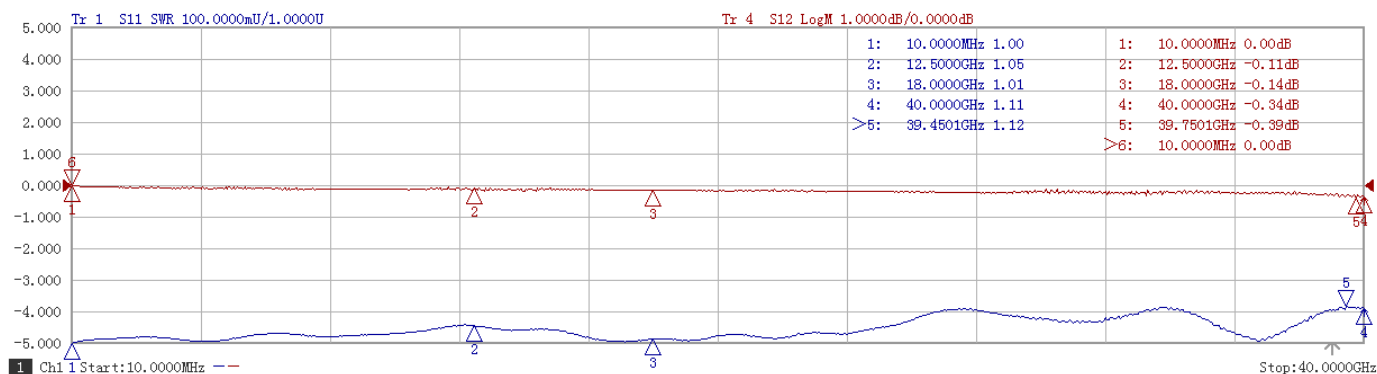
2.Code for connector configuration:

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

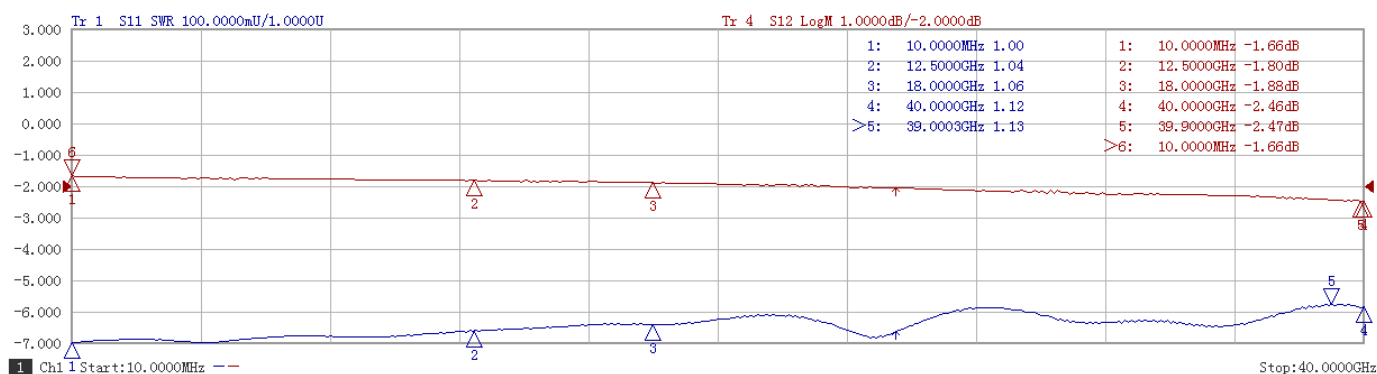
C=female for one end and male for the other.

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

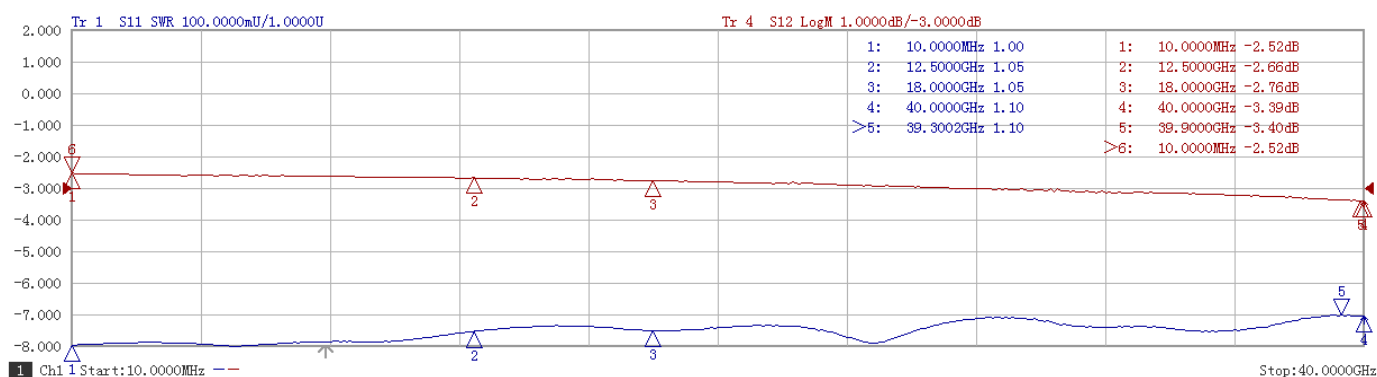
0dB



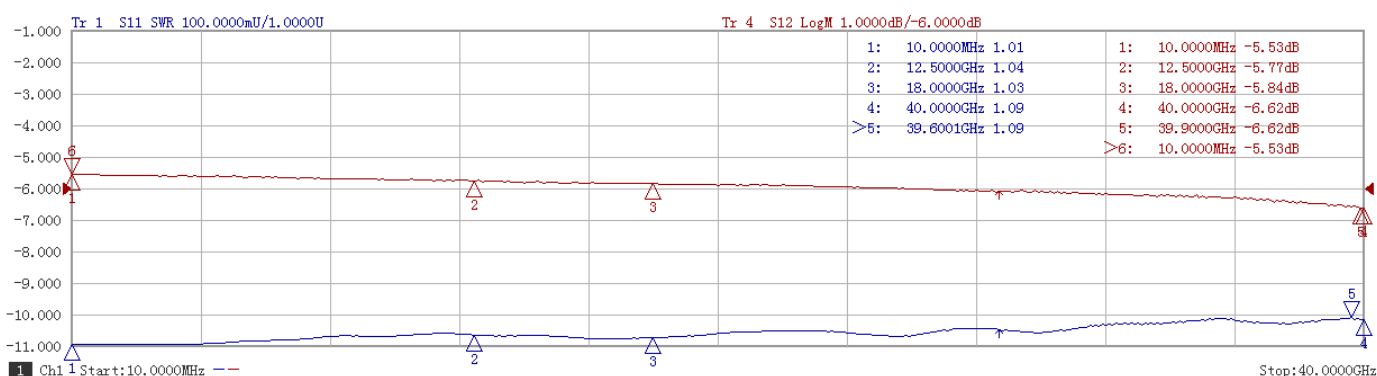
2dB



3dB

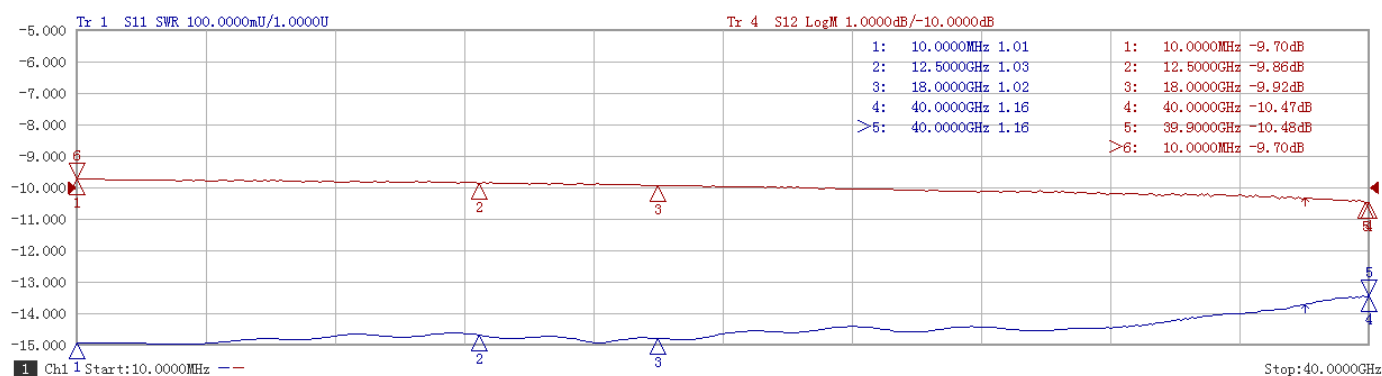


6dB

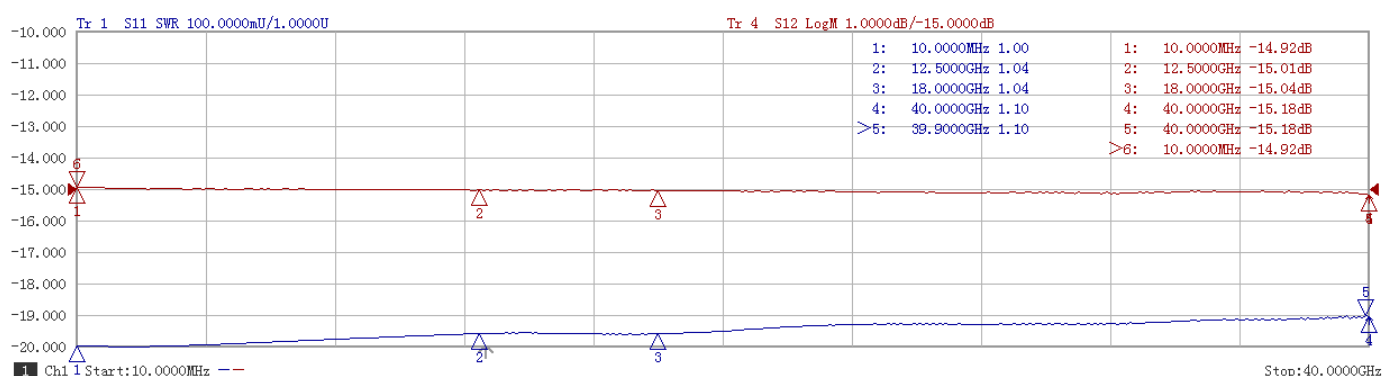


Typical Test Data(Contact us at sales@rfone.cn for test plots of more models)

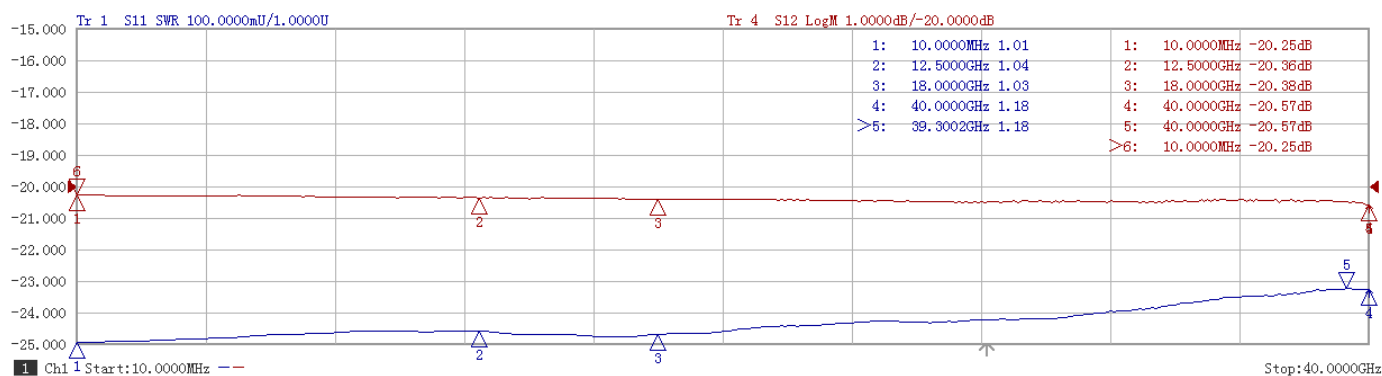
10dB



15dB



20dB



30dB

