Coaxial Fixed Attenuator RFHB1-XX

DC-110 GHz, 1.0mm male to 1.0mm Female, 1 Watts, 3-20dB

Rev 1

Electrical

Impedance	50 ohm
Frequency Range	DC-110 GHz
VSWR	1.6 max
Input Avg Power	1W@ 25℃ ambient, derating linearly to 0.1W at 100℃
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	6	10	20
Accuracy(dB)	-1.0/+2.0	-1.0/+2.0	-1.0/+2.0	-2.0/+1.0

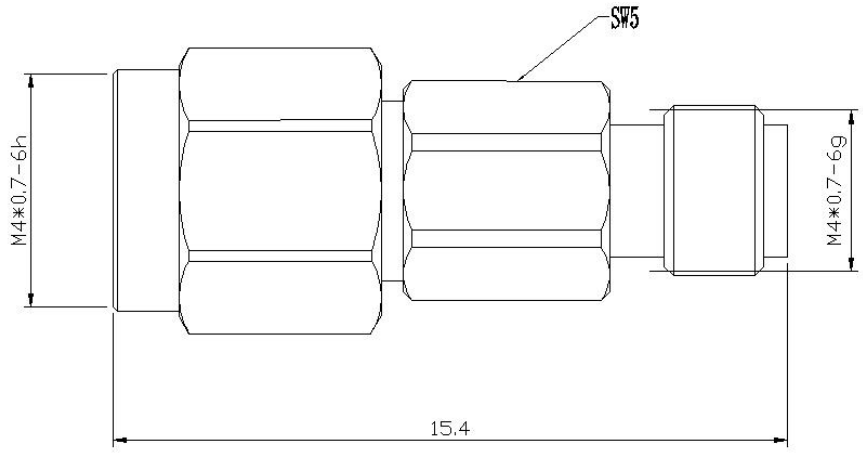
Mechanical

Connector Body	Passivated stainless steel
Insulators	PEI
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 5 g

Environmental

Operating Temperature	-55℃ to 100℃
Storage Temperature	-55℃ to 125℃
RoHS	Compliant
Temperature Coefficient	<0.0004 dB/dB/℃

Dimensions(mm)

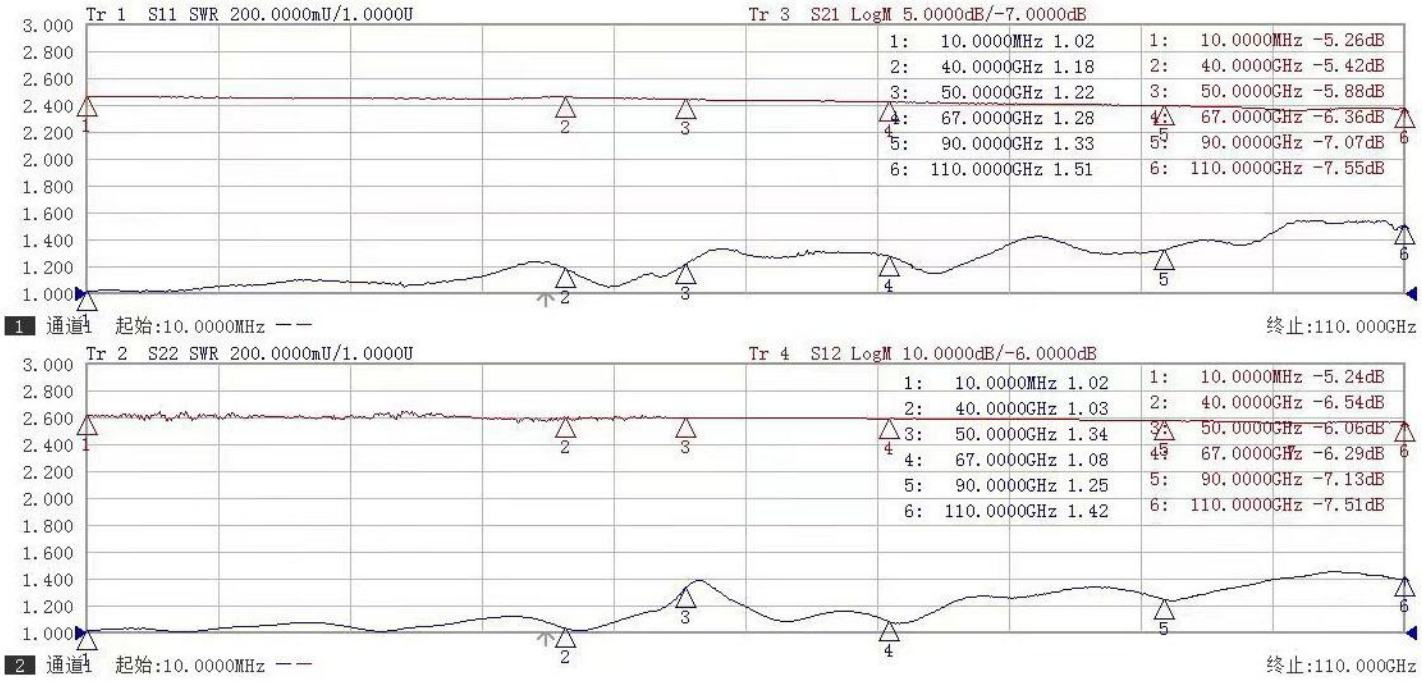


Notes

1.Always pay attention to the direction of attenuators.
2.To maintain best performance, recommended to use fan to keep the case temperature under 85℃.
3.Customized dB values, outlines and optimal accuracy/VSWR available.

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

6dB



20dB