

Coaxial Fixed Attenuator

RFH04XXSD30

DC-4 GHz, 1-60 dB, 30 Watts, SMA, Unidirectional



Rev 1

Electrical

Impedance	50 ohm					
Frequency Range	DC-4 GHz					
VSWR	1.2 max					
Input Avg Power	30W@ 25℃ ambient, derating linearly to 3W at 100℃					
Peak Power	1kW (5 micro-sec pulse width, 1% duty cycle)					
Direction	Unidirectional, SMA male input, SMA female output (other configurations available)					
Attenuation(dB)	1-10	11-20	21-30	31-40	41-50	51-60
Accuracy(dB)	±0.4	±0.5	±0.6	±0.7	±0.7	±0.8

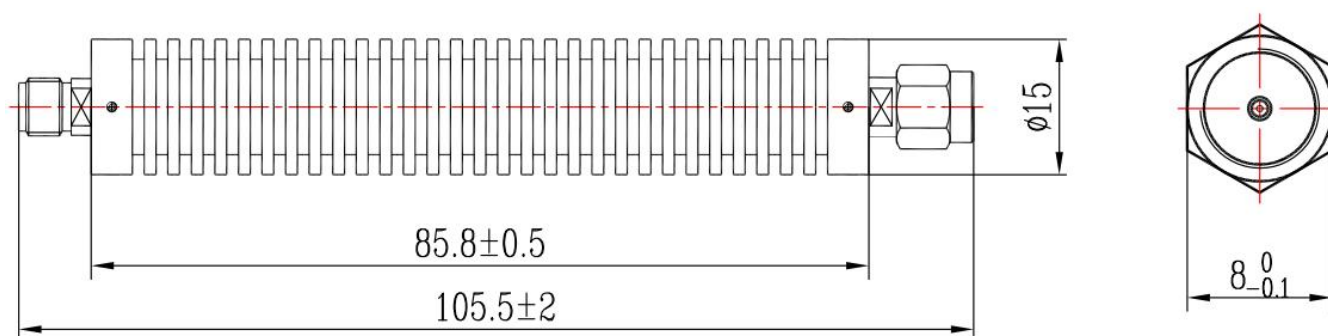
Mechanical

Connector Body	Passivated stainless steel
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Weight	About 40g

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.

Model Description

RFH04XXSD30

- 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 input and male for output;
D=male for input and female for output.