Coaxial Fixed Attenuator RFH18XXSD100

DC-18 GHz, 6-60 dB, 100 Watts, SMA, Unidirectional

Rev 3

Electrical

Impedance	50 ohm
Frequency Range	DC-18 GHz
VSWR	1.45 max
Input Avg Power	100W@ 25℃ ambient, derating linearly to 10W at 100℃
Peak Power	5kW (5 micro-sec pulse width, 0.5% duty cycle)
Direction	Unidirectional, SMA male input, SMA female output (other configurations available)

Attenuation(dB)	6-10	20	30	40	50,60
Accuracy(dB)	±1.5	±1.5	±1.3	±1.3	±1.4

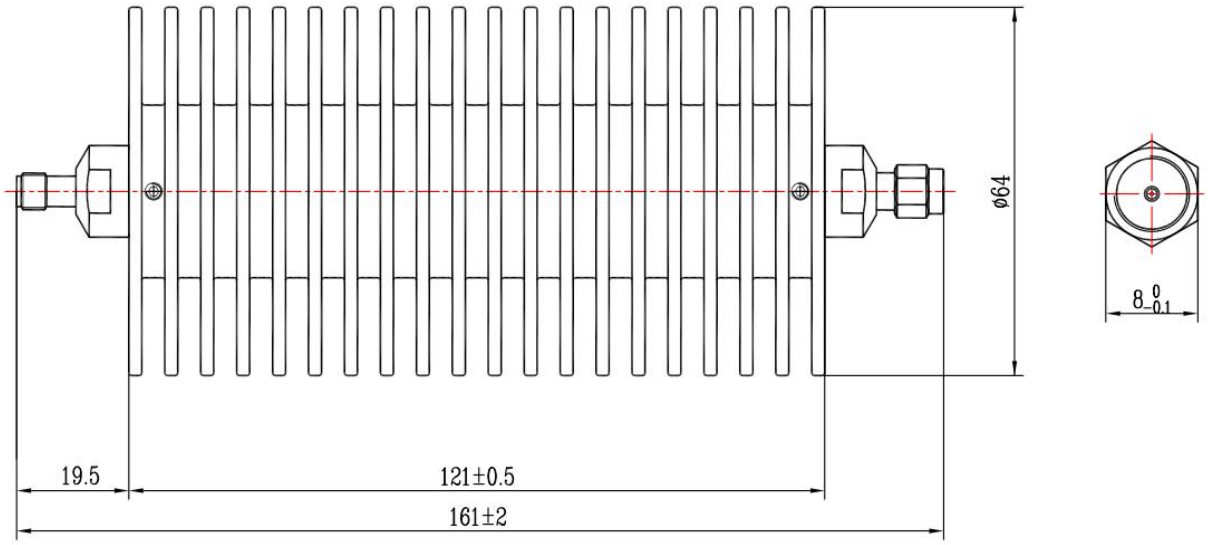
Mechanical

Connector Body	Passivated stainless steel
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	About 550 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.

Model Description

RFH18XXSD100

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.