

Coaxial Fixed Attenuator

RFHB18XXSC100

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



Rev 3

Electrical

Impedance	50 ohm				
Frequency Range	DC-18 GHz				
VSWR	1.45 max				
Input Avg Power	100W@ 25°C ambient, derating linearly to 10W at 100°C				
Peak Power	1kW (5 micro-sec pulse width, 5% duty cycle)				
Direction	Bidirectional, SMA female to SMA male (other configurations available)				
Attenuation(dB)	6-10	20	30	40	50,60
Accuracy(dB)	±2.0	±2.5	±1.3	±1.3	±1.4

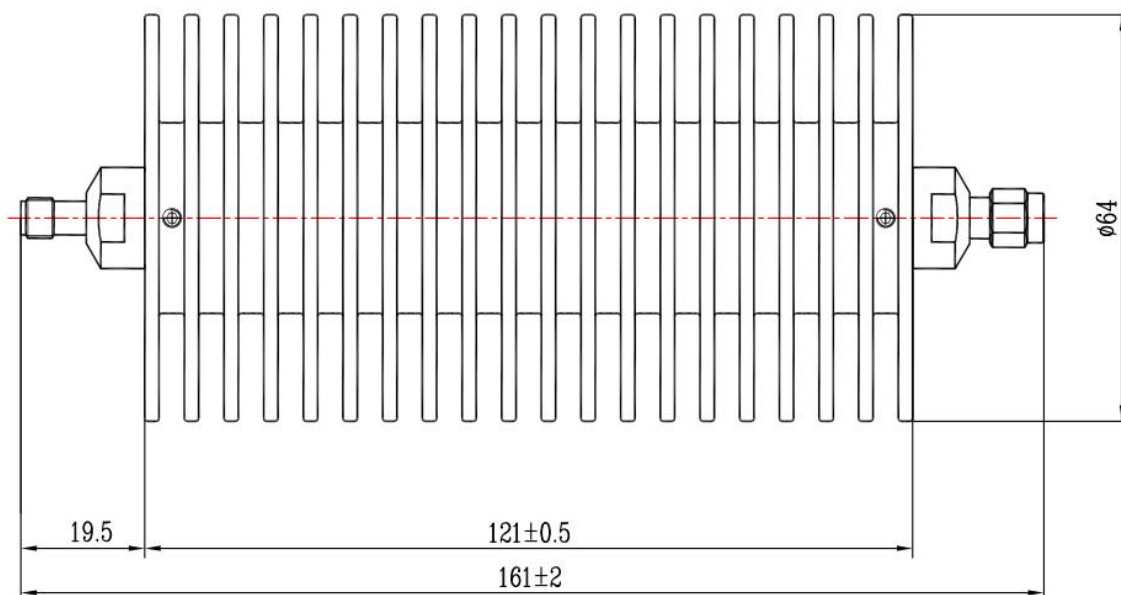
Mechanical

Connector Body	Passivated stainless steel
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 550 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.To maintain best performance, recommended to use fan to keep the case temperature under 85°C.
- 2.Customized dB values, outlines and optimal accuracy/VSWR available.

Model Description

RFHB18XXSC100

- 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.