



Coaxial Fixed Attenuator

RFHB12XXSC100

DC-12.4 GHz, 6-60 dB, 100 Watts, SMA, Bidirectional

Rev 3

Electrical

Impedance	50 ohm				
Frequency Range	DC-12.4 GHz				
VSWR	1.35 max				
Input Avg Power	100W@ 25°C ambient, derating linearly to 10W at 100°C				
Peak Power	5kW (5 micro-sec pulse width, 0.5% duty cycle)				
Direction	Bidirectional, SMA female to SMA male (other configurations available)				

Attenuation(dB)	6-10	20	30	40	50,60
Accuracy(dB)	±1.5	±2.0	±1.0	±1.0	±1.1

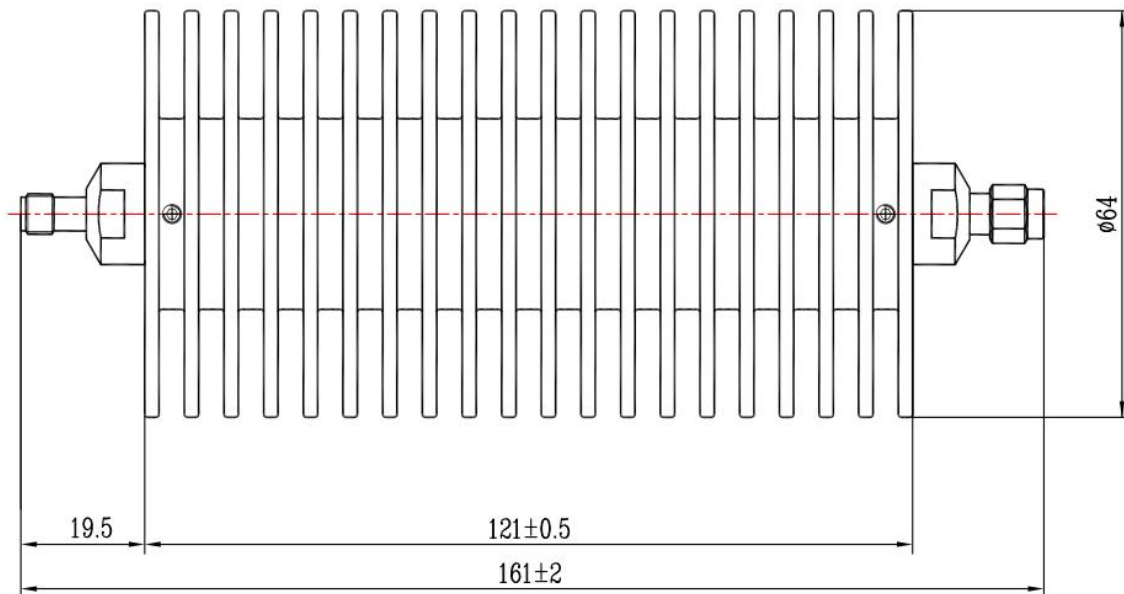
Mechanical

Connector Body	Ternary alloy plated brass
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

RFHB12XXSC100

- 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.