

Coaxial Fixed Attenuator

RFHB04XXDC100-D



DC-4 GHz, 3-40 dB, 100 Watts, DIN 7/16, Bidirectional

Rev 4

Electrical

Impedance	50 ohm				
Frequency Range	DC-4 GHz				
VSWR	1.2 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, DIN 7/16 female to DIN 7/16 male (other configurations available)				
Attenuation(dB)	3	6-10	20	30	40
Accuracy(dB)	-0/+0.8	±0.7	±0.7	±0.8	±0.8

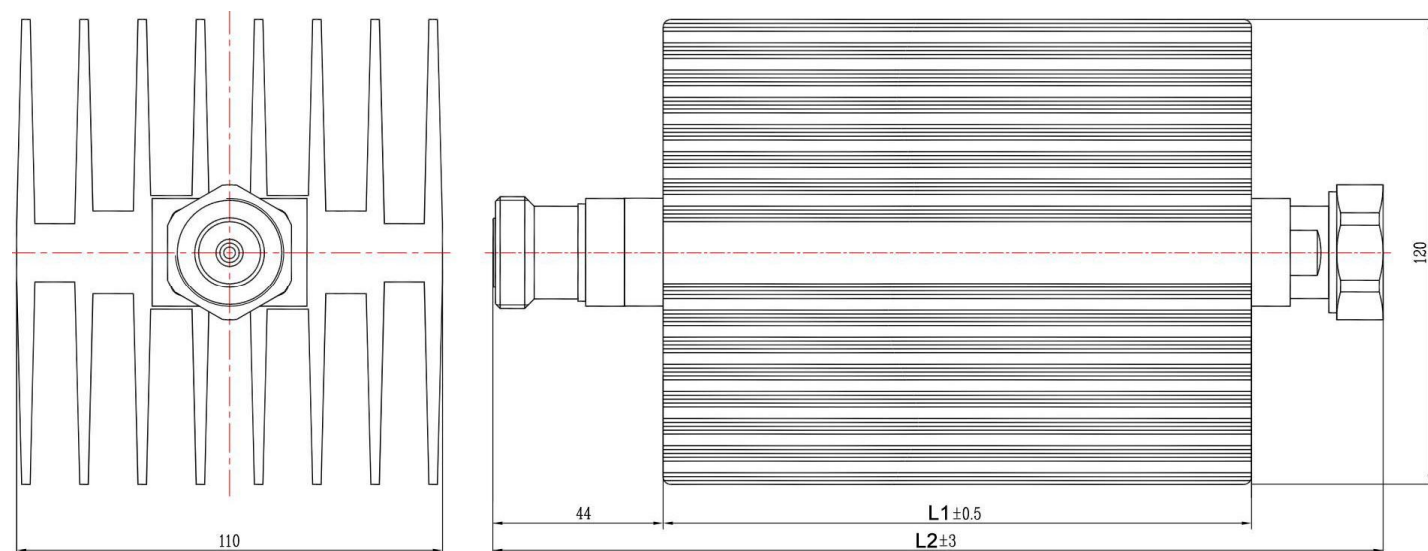
Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	About 2170 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)



3dB: L1=70, L2=105

6-40dB: L1=152, L2=230

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

RFHB04XXDC100-D

- 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.