

Coaxial Fixed Attenuator

RFH04XXND100-D

DC-4 GHz, 6-60 dB, 100 Watts, N, Unidirectional



Rev 4

Electrical

Impedance	50 ohm					
Frequency Range	DC-4 GHz					
VSWR	1.2 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, N male input, N female output (other configurations available)					
Attenuation(dB)	1-4	6-10	20	30	40	50,60
Accuracy(dB)	+0.8/-0	±0.8	±0.8	±0.9	±0.9	±1.0

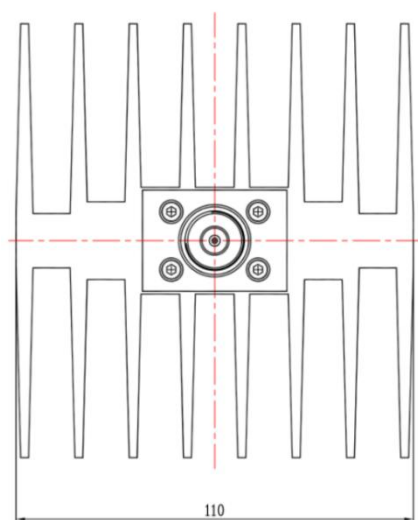
Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	About 1450 g

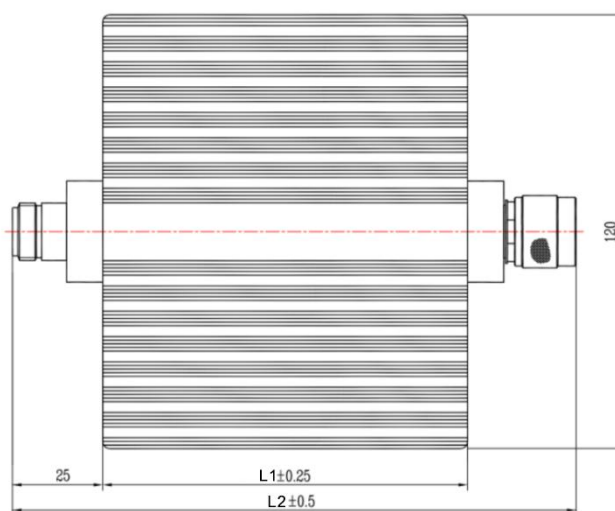
Environmental

Operating Temperature	-55℃ to 100℃
Storage Temperature	-55℃ to 125℃
RoHS	Compliant
Temperature Coefficient	<0.0004 dB/dB/℃

Dimensions(mm)



1-4dB: L1=70, L2=105



6-60dB: L1=101, L2=156

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

RFH04XXND100-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 input and male for output;
D=male for input and female for output.