



Coaxial Fixed Attenuator

RFH04XXNA300-D

DC-4 GHz, 0.5-60 dB, 300 Watts, N, Unidirectional

Rev 4

Electrical

Impedance	50 ohm
Frequency Range	DC-4 GHz
VSWR	1.2 max
Input Avg Power	300W@ 25°C ambient, derating linearly to 30W at 100°C
Peak Power	2kW (5 micro-sec pulse width, 7.5% duty cycle)
Direction	Unidirectional, N female input, N female output (other configurations available)

Attenuation(dB)	0.5, 1, 2, 3, 4	6	10	20	30	40,50	60
Accuracy(dB)	+1, -0	±1.0	±1.0	±1.0	±0.8	±0.9	±0.9

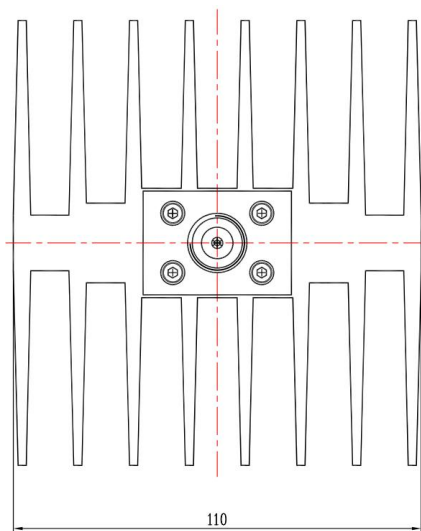
Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 4000 g

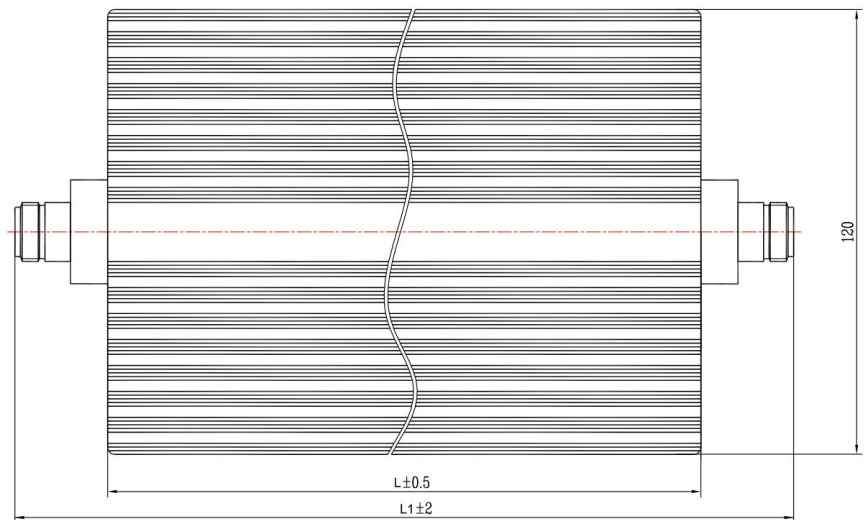
Environmental

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)



0.5, 1, 2, 3, 4dB: L=152, L1=202



6dB: L=254, L1=304 10-60 dB: L=305, L1=355

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°C.
3. Customized dB values, outlines and optimal accuracy/VSWR available.

Model Description

RFH04XXNA300-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.