



Coaxial Fixed Attenuator

RFH12XXNA300-D

DC-12.4 GHz, 6-60 dB, 300 Watts, N, Unidirectional

Rev 3

Electrical

Impedance	50 ohm					
Frequency Range	DC-12.4 GHz					
VSWR	1.35 max					
Input Avg Power	300W@ 25°C ambient, derating linearly to 30W at 100°C					
Peak Power	1kW (5 micro-sec pulse width, 10% duty cycle)					
Direction	Unidirectional, N female input, N female output (other configurations available)					

Attenuation(dB)	10	10	20	30	40,50	60
Accuracy(dB)	-1, +5	±3.0	±0.9	±1.0	±1.1	±1.1

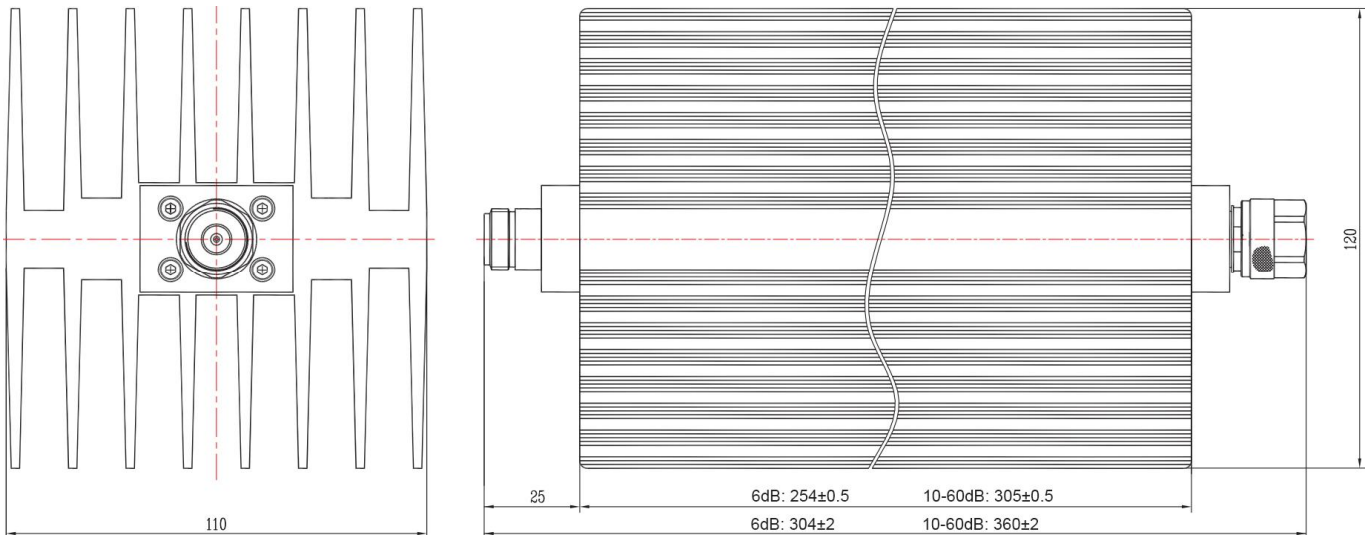
Mechanical

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)



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

RFH12XXNA300-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.