



Coaxial Fixed Attenuator

RFH0303ND500-D

DC-3 GHz, 3 dB, 500 Watts, N, Unidirectional

Rev 1

Electrical

Impedance	50 ohm
Frequency Range	DC-3 GHz
VSWR	1.25 max
Input Avg Power	500W@ 25°C ambient, derating linearly to 50W at 100°C
Peak Power	2kW (5 micro-sec pulse width, 10% duty cycle)
Direction	Unidirectional, N male input, N female output (other configurations available)
Attenuation(dB)	3
Accuracy(dB)	+1.5/-0.6

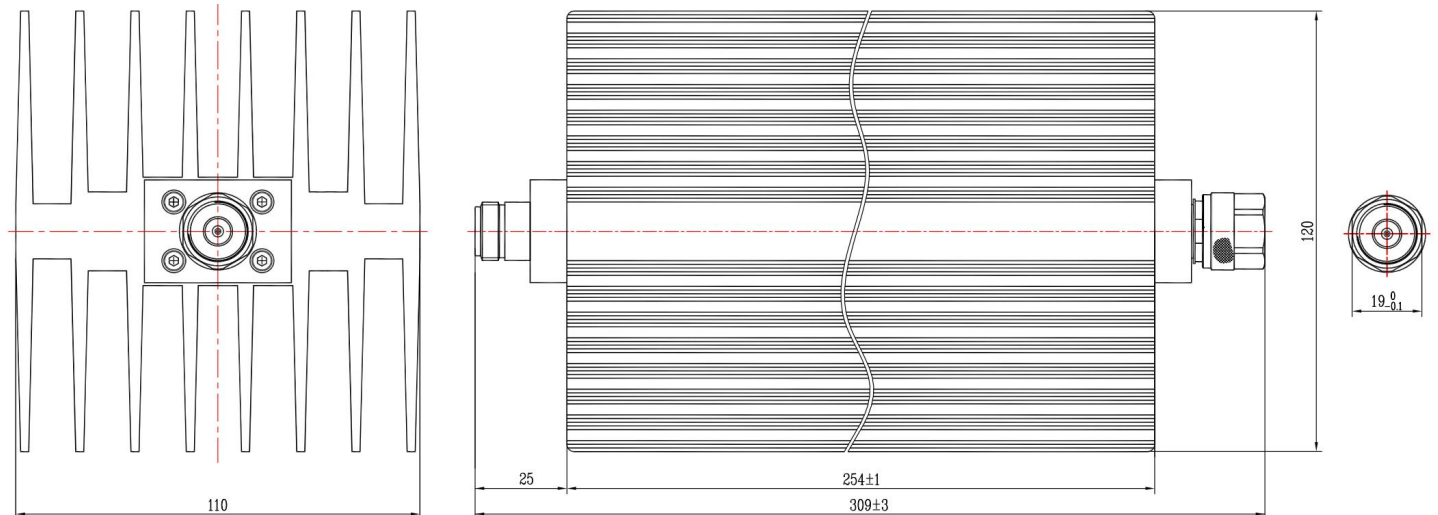
Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 3500 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

RFH0303ND500-D

1. 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.