



Electrical

| | | | | |
|------------------------|--|------|------|------|
| Impedance | 50 ohm | | | |
| Frequency Range | DC-3 GHz | | | |
| VSWR | 1.25 max | | | |
| Input Avg Power | 1000W@ 25°C ambient, derating linearly to 100W at 100°C | | | |
| Peak Power | 5kW (5 micro-sec pulse width, 10% duty cycle) | | | |
| Direction | Unidirectional, N female input, N female output (other configurations available) | | | |
| Attenuation(dB) | 20 | 30 | 40 | 50 |
| Accuracy(dB) | ±3.0 | ±2.5 | ±2.5 | ±2.5 |

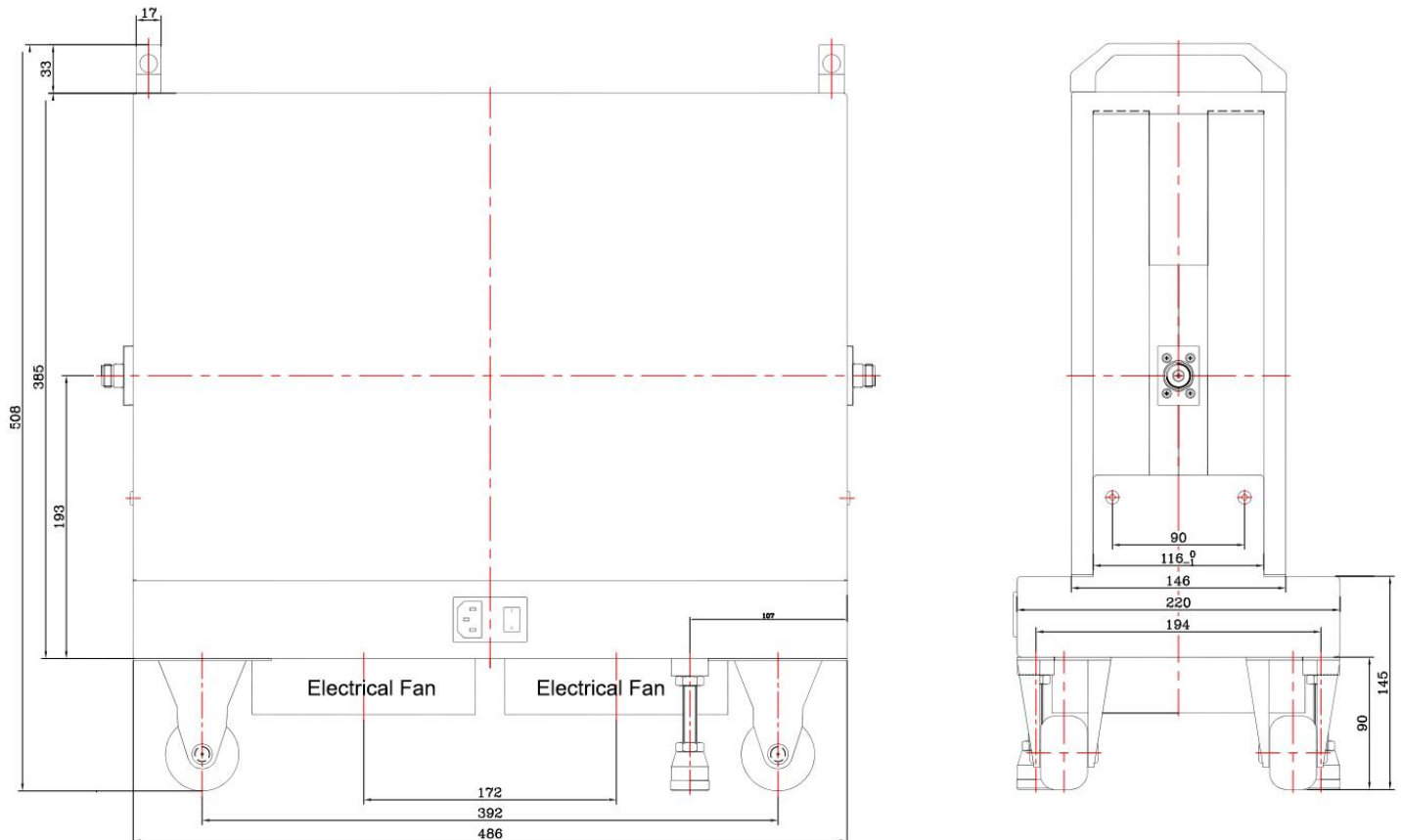
Mechanical

| | |
|-----------------------|------------------------------------|
| Connector Body | Ternary alloy plated brass |
| Heat Sink | Black anodized aluminum |
| Center Contact | Gold plated beryllium copper/brass |
| Net Weight | Approx 30kg |

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)



Coaxial Fixed Attenuator

RFH03XXNA1000

DC-3 GHz, 20-50 dB, 1000 Watts, N, Unidirectional, Fan-cooled



Rev 1

Model Description

[RFH03XXNA1000](#)

1.XX for dB value: 20=20dB, 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.

Notes

1. Supplied with power cord for fans, additional transformer and plug adapter available upon request.
2. Always switch on the electrical fan once the product is in operation.
3. Always pay attention to the direction of attenuators.