



#### Electrical

|                 |                                                                                |      |      |      |      |        |
|-----------------|--------------------------------------------------------------------------------|------|------|------|------|--------|
| Impedance       | 50 ohm                                                                         |      |      |      |      |        |
| Frequency Range | DC-4 GHz                                                                       |      |      |      |      |        |
| VSWR            | 1.2 max                                                                        |      |      |      |      |        |
| Input Avg Power | 250W@ 25℃ ambient, derating linearly to 25W at 100℃                            |      |      |      |      |        |
| Peak Power      | 5kW (5 micro-sec pulse width, 2% duty cycle)                                   |      |      |      |      |        |
| Direction       | Unidirectional, N male input, N female output (other configurations available) |      |      |      |      |        |
| Attenuation(dB) | 3, 6                                                                           | 10   | 20   | 30   | 40   | 50, 60 |
| Accuracy(dB)    | ±0.7                                                                           | ±0.7 | ±0.7 | ±0.8 | ±0.9 | ±0.9   |

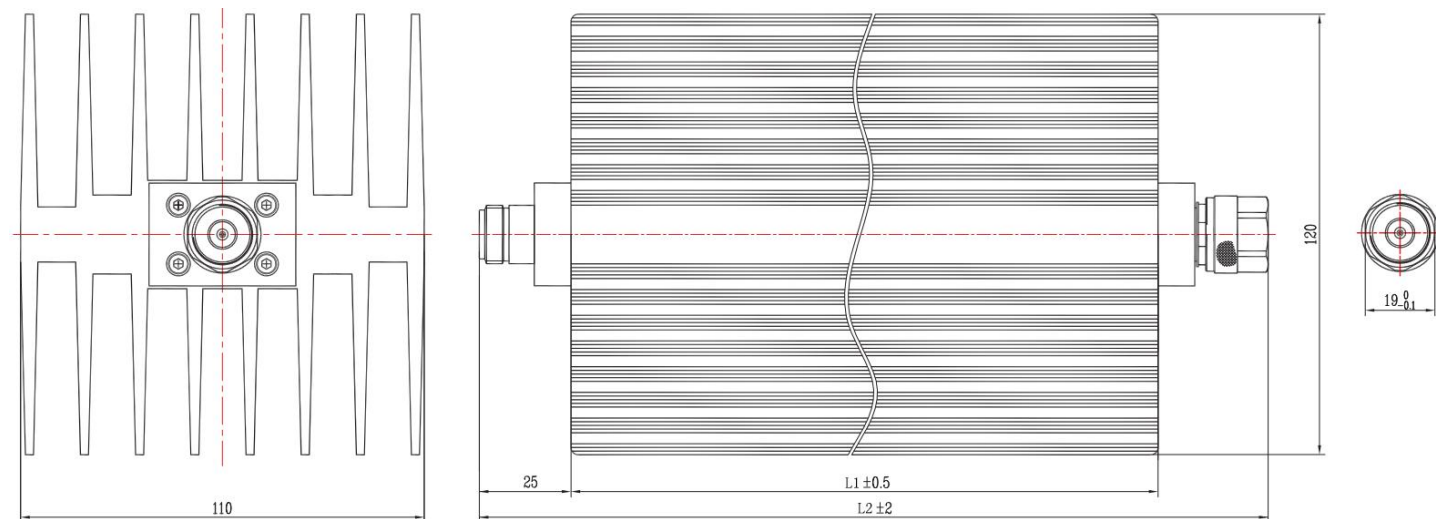
#### Mechanical

|                |                                    |
|----------------|------------------------------------|
| Connector Body | Ternary alloy plated brass         |
| Heat Sink      | Black anodized aluminum            |
| Center Contact | Gold plated beryllium copper/brass |
| Net Weight     | About 3300 g                       |

#### Environmental

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

#### Dimensions(mm)



L1=152(3dB), L1=203(6dB), L1=254(10-60 dB)  
L2=207(3dB), L2=258(6dB), L2=309(10-60 dB)

#### 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

##### RFH04XXND250-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.