



**Electrical**

|                        |  |  |  |  |  |
|------------------------|--|--|--|--|--|
| <b>Impedance</b>       | 50 ohm   |  |  |  |  |
| <b>Frequency Range</b> | DC-4 GHz   |  |  |  |  |
| <b>VSWR</b>            | 1.2 max  |  |  |  |  |
| <b>Input Avg Power</b> | 100W@ 25°C ambient, derating linearly to 10W at 100°C                          |  |  |  |  |
| <b>Peak Power</b>      | 1kW (5 micro-sec pulse width, 5% duty cycle)                                   |  |  |  |  |
| <b>Direction</b>       | Unidirectional, N male input, N female output (other configurations available) |  |  |  |  |

|                        |      |      |      |      |       |
|------------------------|------|------|------|------|-------|
| <b>Attenuation(dB)</b> | 6-10 | 20   | 30   | 40   | 50,60 |
| <b>Accuracy(dB)</b>    | ±0.7 | ±0.7 | ±0.8 | ±0.8 | ±0.9  |

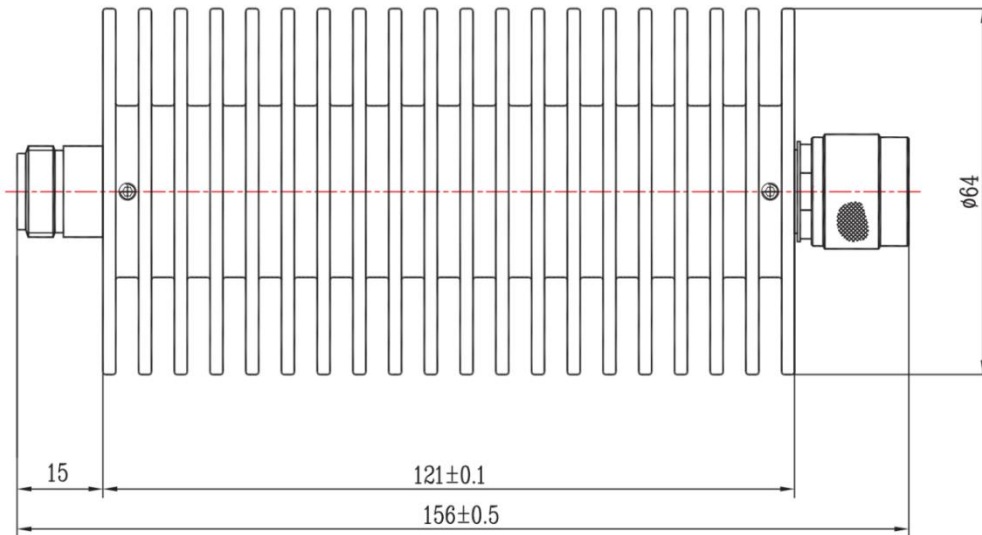
**Mechanical**

|                       |                                    |
|-----------------------|------------------------------------|
| <b>Connector Body</b> | Ternary alloy plated brass         |
| <b>Heat Sink</b>      | Black anodized aluminum            |
| <b>Center Contact</b> | Gold plated beryllium copper/brass |
| <b>Net Weight</b>     | Approx 600 g                       |

**Environmental**

|                                |                  |
|--------------------------------|------------------|
| <b>Operating Temperature</b>   | -55°C to 100°C   |
| <b>Storage Temperature</b>     | -55°C to 125°C   |
| <b>RoHS</b>                    | Compliant        |
| <b>Temperature Coefficient</b> | <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**

**RFH04XXND100**

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.