



DC-6 GHz, 1-60 dB, 100 Watts, N, Unidirectional

### Electrical

|                 |                                                                                |      |      |      |      |       |
|-----------------|--------------------------------------------------------------------------------|------|------|------|------|-------|
| Impedance       | 50 ohm                                                                         |      |      |      |      |       |
| Frequency Range | DC-6 GHz                                                                       |      |      |      |      |       |
| VSWR            | 1.25 max                                                                       |      |      |      |      |       |
| Input Avg Power | 100W@ 25°C ambient, derating linearly to 10W at 100°C                          |      |      |      |      |       |
| Peak Power      | 1kW (5 micro-sec pulse width, 5% duty cycle)                                   |      |      |      |      |       |
| Direction       | Unidirectional, N male input, N female output (other configurations available) |      |      |      |      |       |
| Attenuation(dB) | 1-4                                                                            | 6-10 | 20   | 30   | 40   | 50,60 |
| Accuracy(dB)    | +1.0/-0                                                                        | ±0.8 | ±0.8 | ±0.9 | ±0.9 | ±1.0  |

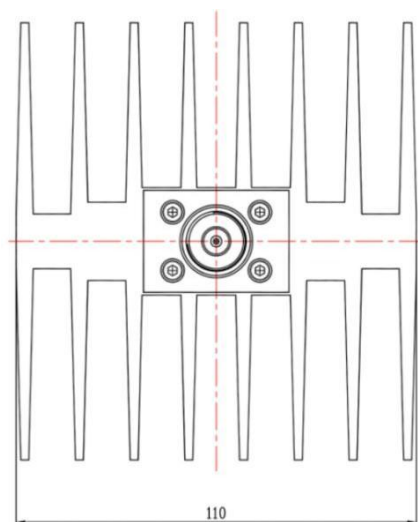
### Mechanical

|                |                                    |
|----------------|------------------------------------|
| Connector Body | Ternary alloy plated brass         |
| Heat Sink      | Black anodized aluminum            |
| Center Contact | Gold plated beryllium copper/brass |
| Net Weight     | Approx 1450 g                      |

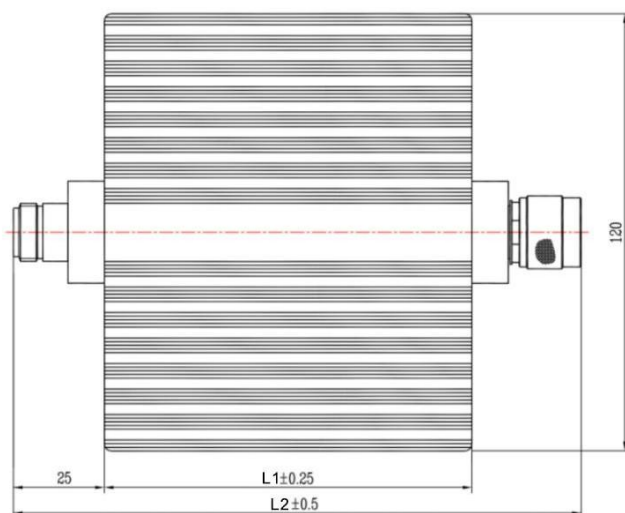
### Environmental

|                         |                  |
|-------------------------|------------------|
| 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)



1-4dB: L1=70, L2=105



6-60dB: L1=101, L2=156