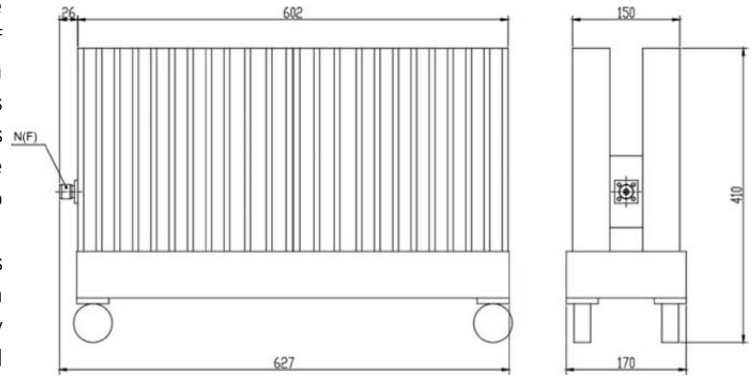


Coaxial fixed terminations absorb RF& microwave energy and are commonly used as dummy loads of antenna and transmitter. They are also used as match ports in many multiport microwave device such as circulator and directional coupler to make these ports which are not involved in the measurement be terminated in their characteristic impedance in order to ensure an accurate measurement.

N serial high power coaxial fixed termination's average power from 1KW-2KW, frequency range from DC-4GHz and the features include wide frequency band, low VSWR, excellent capacity in anti-pulse and anti-burnout etc.



MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum,Black Anodize
Temp Range	-55° C ~ +125° C
Dimensions	627×170×410mm
Weight	34Kg

RoHS Compliant: Yes

#### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Max VSWR
ST272B-50-2KW-01G	DC-1	1.20
ST272B-50-2KW-02G	DC-2	1.25
ST272B-50-2KW-03G	DC-3	1.40
ST272B-50-2KW-04G	DC-4	1.80

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 2000W average to 25°C ambient temperature, derated linearly to 200W @ 125°C

**PEAK POWER:** 10KW (5μs pulse width with 10% duty cycle)

**COOLING METHOD:** Forced Draft

**CONNECTOR TYPE:** N(F)

#### Notes:

1. Dimensions Tolerance ±5%
2. Custom designs available