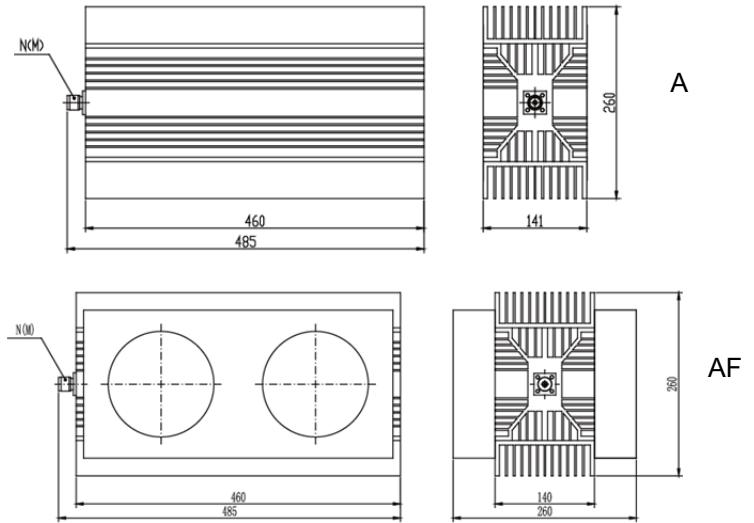
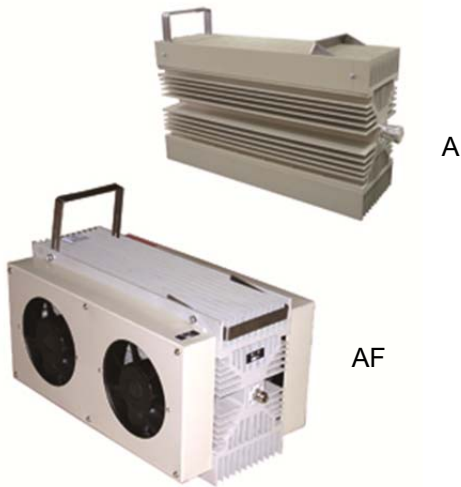


Coaxial fixed terminations absorb RF& microwave energy and are commonly used as dummy loads of antenna and transmitter. They are also used as match ports in many multiport microwave device such as circulator and directional coupler to make these ports which are not involved in the measurement be terminated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

N serial coaxial fixed termination's average power 50W-500W, frequency range DC-18GHz and feature wide frequency band, low VSWR, excellent capacity in anti-pulse and anti-burnout.



| MECHANICAL SPECIFICATIONS | |
|---------------------------|--|
| Connectors | Brass Nickel Plated |
| Male Pin | Brass Gold Plated |
| Housing | Aluminum, Gray Powder Coat |
| Temp Range | -55° C ~ +125° C |
| Dimensions | A:485×260×141mm; AF:485×260×260mm(with fan) |
| Weight | A:17.5Kg; AF:23Kg |

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

| Model Number | Frequency Range (GHz) | Max VSWR |
|--------------------|-----------------------|----------|
| ST271B-50-800W-001 | DC-1 | 1.20 |
| ST271B-50-800W-02 | DC-2 | 1.30 |
| ST271B-50-800W-03 | DC-3 | 1.35 |
| ST271B-50-800W-04 | DC-4 | 1.45 |

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 800W average to 25°C ambient temperature, derated linearly to 100W @ 125°C

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

COOLING METHOD: Forced Draft

CONNECTOR TYPE: N(M)

Notes:

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