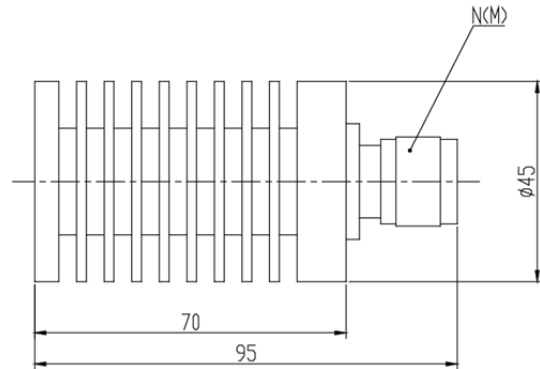


High power coaxial waterproof terminations are used in quantitatively absorbing energy of RF and microwave system, they are commonly used as dummy loads of antenna and transmitter.

N serial waterproof terminations' average power from 5W to 100W, 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
Male Pin	Brass Gold Plated
Housing	Aluminum,Black Anodize
Temp Range	-55° C ~ +125° C
Dimensions	Ø45×95mm
Weight	240g

RoHS Compliant: Yes

### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Max VSWR
ST271B-50-25W-02F	DC-2	1.15
ST271B-50-25W-04F	DC-4	1.25

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 25W average to 25°C ambient temperature, derated linearly to 2.5W @ 125°C

**PEAK POWER:** 1KW (5μs pulse width with 2.5% duty cycle)

**CONNECTOR TYPE:** N(M)

### Notes:

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