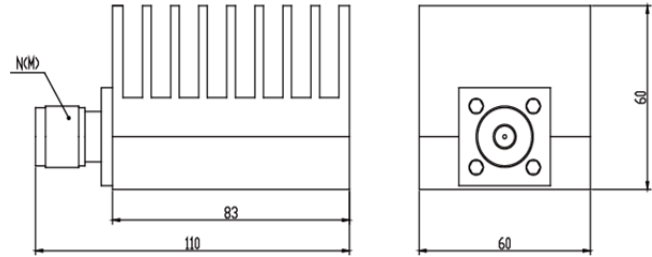


Coaxial fixed terminations absorb RF& microwave energy and are commonly used as dummy loads of antenna and transmitter. They are also used as match ports in many multiport microwave device such as circulator and directional coupler to make these ports which are not involved in the measurement be terminated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

N serial coaxial fixed termination's average power 2W-10KW, 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, Black Anodize
Temp Range	-55° C ~ +125° C
Dimensions	110×60×60mm
Weight	500g

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Max VSWR
ST271B-50-50W-01A	DC-1	1.05
ST271B-50-50W-02A	DC-2	1.10
ST271B-50-50W-03A	DC-3	1.15
ST271B-50-50W-04A	DC-4	1.20

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 50W average to 25°C ambient temperature, derated linearly to 5W @ 125°C

PEAK POWER: 10KW (5μs pulse width with 0.5% duty cycle)

CONNECTOR TYPE: N(M)

Notes:

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