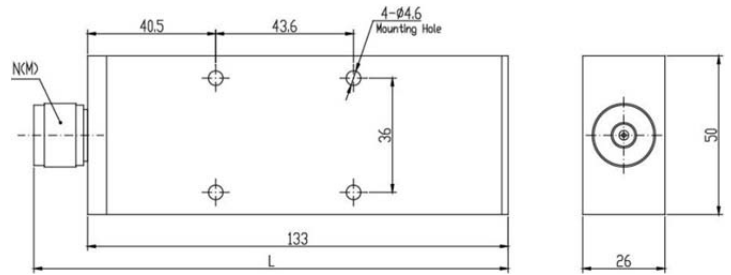


Inset terminations are used in quantitatively absorbing energy of RF and microwave system, they are commonly used as dummy loads of antenna and transmitter.

N Inset termination's average power from 300W, 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
Temp Range	-55° C ~ +125° C
Dimensions	DC-1:110×50×26mm DC-2:125×50×26mm DC-4:150×50×26mm
Weight	DC-1:320g; DC-2:420g DC-4:500g

RoHS Compliant: Yes

#### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Max VSWR
SNT271B-50-300W-01N	DC-1	1.15
SNT271B-50-300W-02N	DC-2	1.25
SNT271B-50-300W-04N	DC-4	1.40

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 300W average to 25°C ambient temperature, derated linearly to 30W @ 125°

**PEAK POWER:** 10KW (5μs pulse width with 3% duty cycle)

**CONNECTOR TYPE:** N(M)

#### Notes:

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