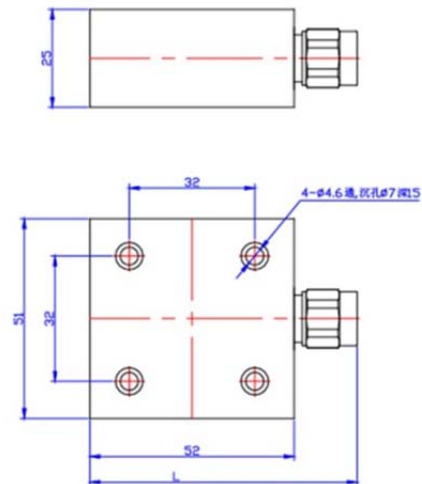


Inset terminations are used in quantitatively absorbing energy of RF and microwave system, they are commonly used as dummy loads of antenna and transmitter.

N inset termination's average power 50W, frequency range from DC-18GHz 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 |
| Female Pin | Beryllium Copper Gold Plated |
| Housing | Aluminum |
| Temp Range | -55° C ~ +125° C |
| Dimensions | M:75×51×25mm F:74.5×51×25mm |
| Weight | M:210g; F:205g |

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

| Model Number | Frequency Range (GHz) | Max VSWR |
|-------------------|-----------------------|----------|
| SNT27XB-50-50W-12 | DC-12.4 | 1.35 |
| SNT27XB-50-50W-18 | DC-18 | 1.35 |

Note: X refer to connector Gender, 1 means Male, 2 means Female

NOMINAL IMPEDANCE: 50Ω

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

CONNECTOR TYPE: N

Notes:

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