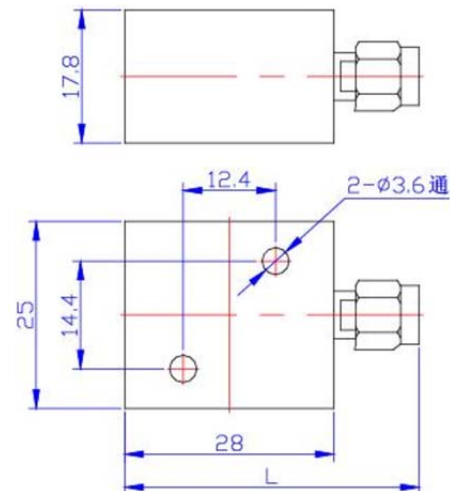


Inset terminations are used in quantitatively absorbing energy of RF and microwave system, they are commonly used as dummy loads of antenna and transmitter.

SMA inset termination's average power 30W, 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:38.7×25×17.8mm<br>F:37.7×25×17.8mm |
| Weight                    | M:45g; F:40g                         |

RoHS Compliant: Yes

### ELECTRICAL SPECIFICATIONS

| Model Number      | Frequency Range (GHz) | Max VSWR |
|-------------------|-----------------------|----------|
| SNT18XB-50-30W-18 | DC-18                 | 1.30     |

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

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 30W

**CONNECTOR TYPE:** SMA

### Notes:

1. Dimensions Tolerance  $\pm 5\%$
2. Custom designs available