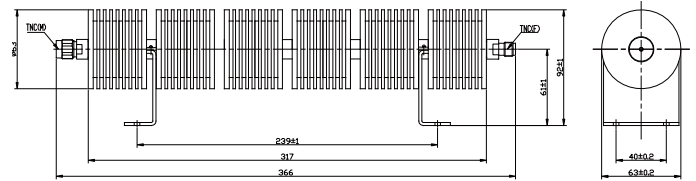


Coaxial fixed attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

TNC serial coaxial fixed attenuators' average power 2-200W, frequency range from DC-18GHz and feature wide frequency band, low VSWR, flatness attenuation value and 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, Black Anodize      |
| Temp Range                | -55° C ~ +125° C             |
| Dimensions                | 366×63×92mm (with fan)       |
| Weight                    | 1.06Kg                       |

RoHS Compliant: Yes

### ELECTRICAL SPECIFICATIONS

| Model Number  | Frequency Range(GHz) | Attenuation Value & Accuracy (dB) |    |           |           | Max VSWR |
|---------------|----------------------|-----------------------------------|----|-----------|-----------|----------|
|               |                      | 10                                | 20 | 30        | 40        |          |
| SAT26B200XX08 | DC-8                 | /                                 | /  | ±1.5      | ±1.5      | 1.30     |
| SAT26B200XX12 | DC-12.4              | /                                 | /  | -1.0/+3.0 | -1.0/+3.0 | 1.40     |
| SAT26B200XX18 | DC-18                | /                                 | /  | -2.0/+3.5 | -2.0/+3.5 | 1.50     |

Note: XX refer to attenuation value in dB

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 200W average to 25°C ambient temperature, derated linearly to 20W @ 125°C

**PEAK POWER:** 1KW (5μs pulse width with 10% duty cycle)

**CONNECTOR TYPE:** TNC

### Notes:

1. Dimensions Tolerance ±5%
2. Custom designs available for other special attenuation value & accuracy.