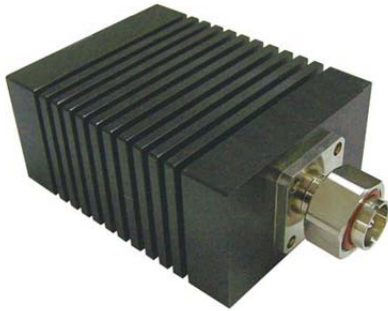
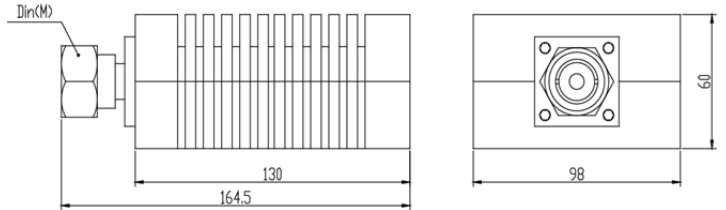


High power coaxial waterproof terminations are used in quantitatively absorbing energy of RF and microwave system, they are commonly used as dummy loads of antenna and transmitter.

7/16 serial waterproof terminations' average power from 5W to 100W, 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,Black Anodize |
| Temp Range                | -55° C ~ +125° C       |
| Dimensions                | 164.5×98×60mm          |
| Weight                    | 1.8Kg                  |

RoHS Compliant: Yes

### ELECTRICAL SPECIFICATIONS

| Model Number      | Frequency Range (GHz) | Max VSWR |
|-------------------|-----------------------|----------|
| ST281B-50-80W-02F | DC-2                  | 1.10     |
| ST281B-50-80W-04F | DC-4                  | 1.20     |

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 80W average to 25°C ambient temperature, derated linearly to 8W @ 125°C

**PEAK POWER:** 1KW (5μs pulse width with 8% duty cycle)

**CONNECTOR TYPE:** 7/16(M)

#### Notes:

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