

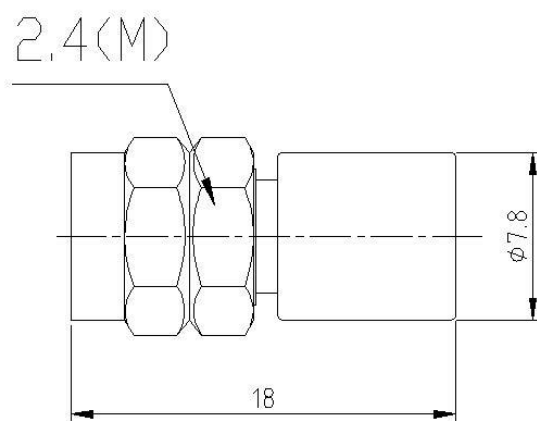
The coaxial fixed terminations with an average power of 1 W, frequency range from DC to 50 GHz, max VSWR is 1.35, excellent capacity in anti-pulse and anti-burnout.

**TYP. APPLICATIONS**

- Testing and calibration of measurement equipment
- Protection of transmitter output stages
- Load testing of RF/microwave devices
- Output power measurement
- Laboratory research and RF equipment development
- Cable and connector testing
- Electromagnetic compatibility (EMC) testing
- Education and demonstration

**FEATURES**

- Wide frequency Band
- Low VSWR


**MECHANICAL SPECIFICATIONS**

|                 |                               |
|-----------------|-------------------------------|
| Connectors      | Stainless steel               |
| Male Pin        | Beryllium Copper, Gold-plated |
| Housing         | Stainless Steel               |
| Temp. range, °C | -45 – +95                     |
| Dimensions, mm  | Ø7.8×18                       |
| Weight, g       | 5                             |

**ELECTRICAL SPECIFICATIONS**

| Model Number        | Frequency Range (GHz) | VSWR max |
|---------------------|-----------------------|----------|
| LBWS-FT-50-1-A-2.4M | DC – 50               | 1.35     |

**Notes:**

1. All outline dimensions are in mm, with a dimensional tolerance of ±5%.
2. Custom models can be supplied according to customer requirements.

**NOMINAL IMPEDANCE:** 50 Ohm

**AVERAGE POWER:** 1 W for +25°C ambient temperature

**PEAK POWER:** 0.2 kW (5 µs pulse width with 1% duty cycle)

**CONNECTOR TYPE:** 2.4 mm (Male)