

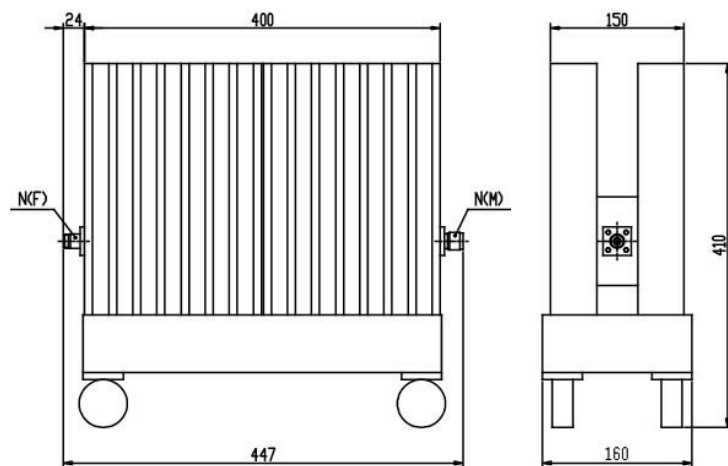
The series of coaxial fixed attenuators with an average power of 1000 W, frequency range from DC to 1 GHz, max VSWR is 1.20, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

**TYP. APPLICATIONS**

- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

**FEATURES**

- Wide frequency Band
- Low VSWR
- Multiple Attenuation Values Available


**MECHANICAL SPECIFICATIONS**

|                 |                                |
|-----------------|--------------------------------|
| Connectors      | Brass, Nickel plated           |
| Male Pin        | Brass, Gold Plated             |
| Female Pin      | Beryllium Copper, Gold Plated  |
| Housing         | Aluminum, Conductive Anodizing |
| Temp. range, °C | -45 – +100                     |
| Dimensions, mm  | 447×160×410                    |
| Weight, kg      | 20                             |

**ELECTRICAL SPECIFICATIONS**

| Model Number                    | Frequency Range (GHz) | Attenuation Value & Accuracy (dB) | VSWR max |
|---------------------------------|-----------------------|-----------------------------------|----------|
|                                 |                       | 40                                |          |
| LBWS-FA-1-1000-40-IJ75/50-G-NFF | DC – 1                | ±2.0                              | 1.20     |

**NOMINAL IMPEDANCE:** Input: 75 Ohm ±5%  
Output: 50 Ohm ±5%

**AVERAGE POWER:** 1000 W

**PEAK POWER:** 10 kW (5 μs pulse with 5% duty cycle)

**CONNECTOR TYPE:** Input: N (Female) 75 Ohm  
Output: N (Female) 50 Ohm

**Notes:**

1. All outline dimensions are in mm, with a dimensional tolerance of ±5%.
2. Dimensions and specifications refer to connector type N unless otherwise specified.
3. Custom models can be supplied according to customer requirements.