

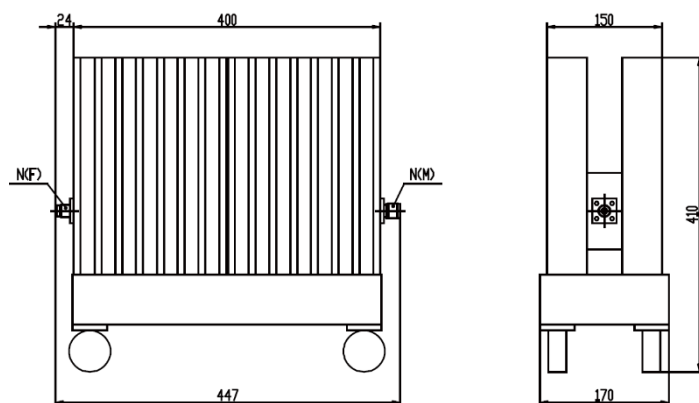
The series of coaxial fixed attenuators with an average power of 1000 W, frequency range from DC to 3 GHz, max VSWR is 1.40, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

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, Black anodizes
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
		30	40	50	
LBWS-FA-3-1000-XX-G-XXX	DC – 3	±5.0	±2.0	±2.0	1.40

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 1000 W for +25 °C ambient temperature, derated linearly to 100 W for +100 °C

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

CONNECTOR TYPE: N, L29

COOLING METHOD: Air cooling with fans (only for 40 dB, 50 dB)

Order information:

LBWS-FA-3-1000-XX-G-XXX – choose attenuation level in dB

LBWS-FA-3-1000-XX-G-XXX – choose connectors' type (IN and OUT)

LBWS-FA-3-1000-XX-G-XXX – choose connectors' genders (Male/Male, Male/Female, Female/Male, Female/Female)

Notes:

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