

The bi-directional coaxial fixed attenuators with an average power of 25 W, frequency range from DC to 8.5 GHz, max VSWR is 1.30, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

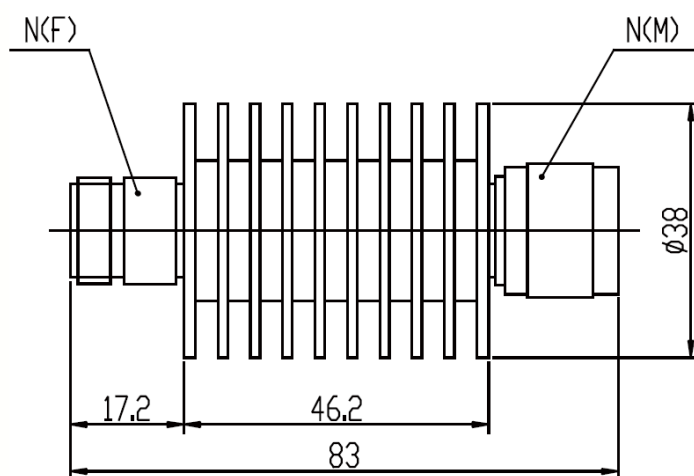
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

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	Ø38×83
Weight, g	120


ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)				VSWR max
		10	20	30	40	
LBWS-FAB-8.5-25-XX-A-XXX	DC – 8.5	±0.6	±0.75	±0.75	±1.0	1.30

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 25 W average to +25 °C ambient temperature, derated linearly to 2.5 W for +125 °C

PEAK POWER: 1 kW (5 µs pulse width with 2.5% duty cycle)

CONNECTOR TYPE: N, SMA, TNC (DC-4 GHz), BNC (DC-4 GHz), 7/16 (DC-4 GHz)

Order information:

LBWS-FAB-8.5-25-XX-A-XXX – choose attenuation value in dB

LBWS-FAB-8.5-25-XX-A-XXX – choose connectors' type (IN and OUT)

LBWS-FAB-8.5-25-XX-A-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 ±5%.
2. Dimensions and specifications refer to connector type N, unless otherwise specified.
3. Custom models can be supplied according to customer requirements.