

The bi-directional coaxial fixed attenuators with an average power of 100 W, frequency range from DC to 3 GHz, max VSWR is 1.20, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

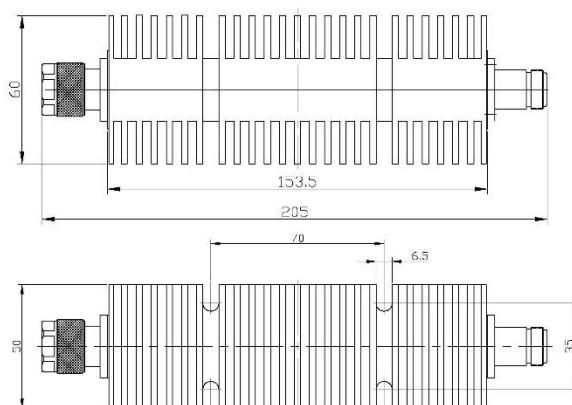
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

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, Black anodizes
Temp. range, °C	-45 – +100
Dimensions, mm	205×50×60
Weight, g	830


ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)		VSWR max
		30	40	
LBWS-FAB-3-100-XX-D-NXX	0.7 – 2	±0.6	±0.8	1.15
	2 – 3	±0.6	±0.8	1.20

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 100 W for +25 °C ambient temperature, derated linearly to 5 W for +100 °C

PEAK POWER: 5 kW (5 μs pulse width with 2% duty cycle)

CONNECTOR TYPE: N

Order information:

LBWS-FAB-3-100-XX-D-NXX – choose attenuation value in dB

LBWS-FAB-3-100-XX-D-NXX – 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.