

The series of coaxial fixed attenuators with an average power of 100 W, frequency range from DC to 18 GHz, max VSWR is 1.35, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

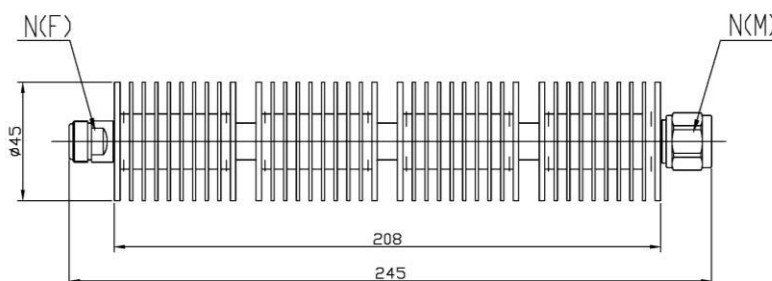
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

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	Ø45×245
Weight, g	460


ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)			VSWR max
		20	30	40	
LBWS-FA-18-100-XX-G-CS-NMF	DC – 18	±1.8	-1.0/+1.5	-1.0/+1.5	1.35

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 100 W for +25 °C ambient temperature, derated linearly to 10 W for +100 °C

PEAK POWER: 1 kW (5 µs pulse width with 10% duty cycle)

CONNECTOR TYPE: N (Male/Female)

Order information:

LBWS-FA-18-100-XX-G-CS-NMF – choose attenuation level in dB

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.