

The series of waterproof coaxial fixed attenuators with an average power of 100 W, frequency range from DC to 6 GHz, max VSWR is 1.35, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

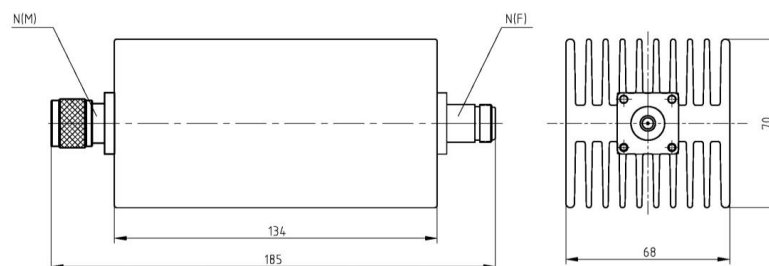
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

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	185×68×70
Protection rating	IP65



ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)	VSWR max
		20	
LBWS-FAW-6-100-20-F-NMF	DC – 6	±0.75	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: 5 kW (5 μs pulse with 2% duty cycle)

CONNECTOR TYPE: N (Male/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.