

The coaxial fixed attenuators with an average power of 20 W, frequency range from DC to 12.4 GHz, max VSWR is 1.35, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

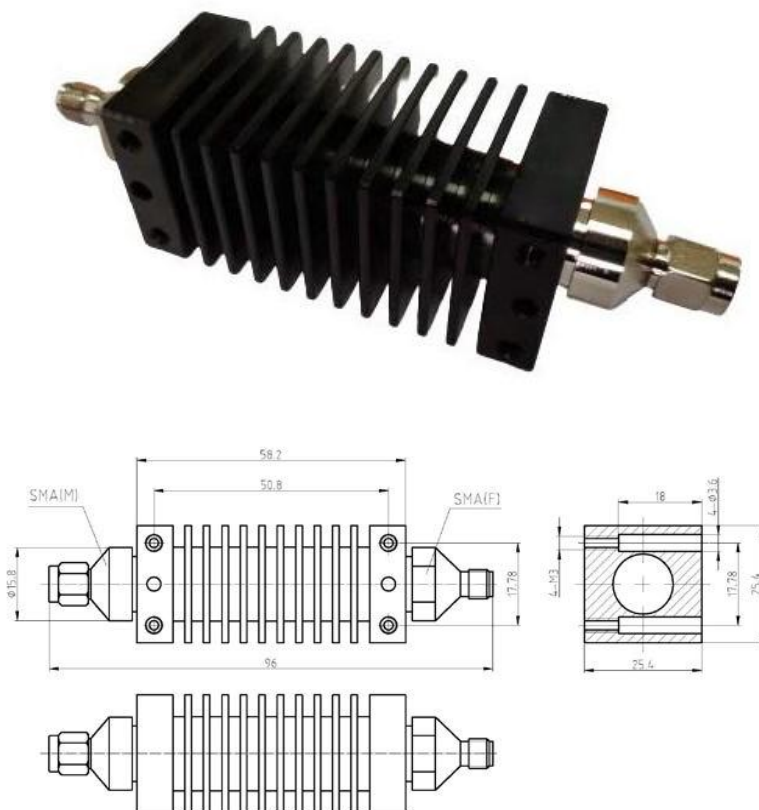
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

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	25.4×25.4×96
Weight, g	90


ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)		VSWR max
		6	40	
LBWS-FAB-12.4-20-XX-E-SMAMF	DC – 12.4	-0.8/+1.8	±0.8	1.35

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 20 W for +25 °C ambient temperature, derated linearly to 2 W for +100 °C

PEAK POWER: 1 kW (5 µs pulse width with 2% duty cycle)

CONNECTOR TYPE: SMA (Male/Female)

Order information:

LBWS-FAB-12.4-20-XX-E-SMAMF — choose attenuation value 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.