

The series of coaxial fixed attenuators with an average power of 30 W, wide choice of frequency ranges, max VSWR is 1.25, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

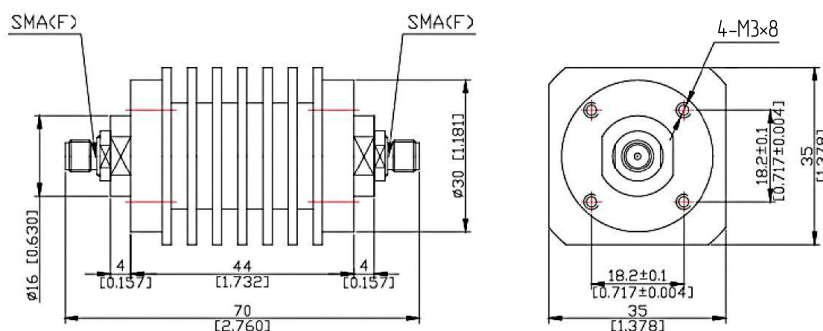
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

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	35×35×70
Weight, g	≤65


ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)							VSWR max
		3 / 6	10	20	30	40	50	60	
LBWS-FA-18-30-XX-GA-B-SMAXX	DC – 18	-1.0/+2.0	±1.0	±1.0	±1.0	-1.0/+1.5	-1.0/+1.5	-1.0/+1.5	1.25

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 30 W for +25 °C ambient temperature, derated linearly to 3 W for +100 °C

PEAK POWER: 0.5 kW (5 μs pulse width with 6% duty cycle)

CONNECTOR TYPE: SMA

Order information:

LBWS-FA-18-30-XX-GA-B-SMAXX — choose attenuation level in dB

LBWS-FA-18-30-XX-GA-B-SMAXX — 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. Custom models can be supplied according to customer requirements.