

The series of coaxial fixed attenuators with an average power of 5 W, frequency range from DC to 40GHz, max VSWR is 1.40, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

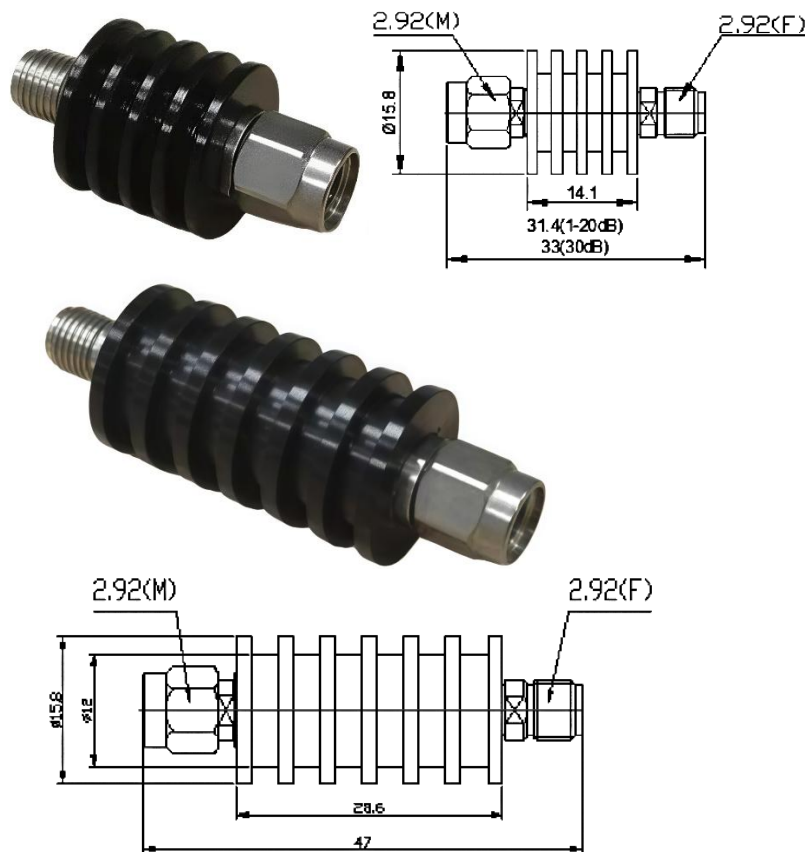
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

FEATURES

- Wide frequency Band
- Low VSWR
- Multiple Attenuation Values Available

MECHANICAL SPECIFICATIONS

Connectors	Stainless steel
Male Pin	Beryllium Copper, Gold Plated
Female Pin	Beryllium Copper, Gold Plated
Housing	Aluminum, Black anodizes
Temp. range, °C	-45 – +100
Dimensions, mm	$\varnothing 15.8 \times 31.4$ (≤ 20 dB) $\varnothing 15.8 \times 33$ (30 dB) $\varnothing 15.8 \times 47$ (40dB)
Weight, g	15 (≤ 30 dB) / 30 (40 dB)


ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)				VSWR max
		1 – 9	10 – 19	20 – 30	40	
LBWS-FAB-40-5-XX-S-2.92XX	DC – 40	± 1.0	± 1.0	-1.0/+1.5	-1.0/+2.0	1.35 / 1.40 (40 dB)

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 5 W for +25 °C ambient temperature, derated linearly to 0.5 W for +100 °C

PEAK POWER: 0.2 kW (5 μ s pulse width with 2.5% duty cycle)

CONNECTOR TYPE: 2.92 mm

Order information:

LBWS-FAB-40-5-XX-S-2.92XX – choose attenuation level in dB

LBWS-FAB-40-5-XX-S-2.92XX – choose connectors' genders (Male/Male, Male/Female, Female/Male, Female/Female)

Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of $\pm 5\%$.
2. Custom models can be supplied according to customer requirements.