

The series of coaxial fixed attenuators with an average power of 2 W, frequency range from DC to 40 GHz, max VSWR is 1.45, 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
Temp. range, °C	-45 – +100
Dimensions, mm	Ø8×56.7
Weight, g	12

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)		VSWR max
		70	90	
LBWS-FAB-40-2-XX-BB-2.92XX	DC – 40	-1.0/+3.0	±2.0	1.40 / 1.45 (90dB)

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 2 W for +25 °C ambient temperature, derated linearly to 0.5 W for +100 °C

PEAK POWER: 0.2 kW (5 µs pulse width with 1% duty cycle)

CONNECTOR TYPE: 2.92 mm

Order information:

LBWS-FAB-40-2-XX-BB-2.92XX – choose attenuation value in dB

LBWS-FAB-40-2-XX-BB-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 ±5%.
2. Custom models can be supplied according to customer requirements.