

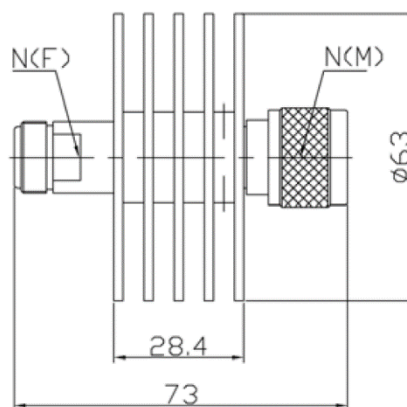
The series of coaxial fixed attenuators with an average power of 25 W, frequency range from DC to 18 GHz, max VSWR is 1.30, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

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 – +85
Dimensions, mm	Ø63×73
Weight, g	160

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)								VSWR max
		10	15	20	30	40	50	60	70	
LBWS-FAB-18-25-XX-G-D-XXX	DC – 18	±1.0	±1.0	±1.0	±1.0	±1.0	-1.0/+1.5	-1.0/+1.5	-1.5/+2.5	1.30

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 25 W average to +25 °C ambient temperature, derated linearly to 2.5 W for +85 °C

PEAK POWER: 1 kW (5 µs pulse width with 2.5% duty cycle)

CONNECTOR TYPE: N, TNC

Order information:

LBWS-FAB-XX-25-XX-G-D-XXX – choose frequency range in GHz

LBWS-FAB-XX-25-XX-G-D-XXX – choose attenuation level in dB

LBWS-FAB-XX-25-XX-G-D-XXX – choose connectors' type (IN and OUT)

LBWS-FAB-XX-25-XX-G-D-XXX – 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. Dimensions and specifications refer to connector type N, unless otherwise specified.
3. Custom models can be supplied according to customer requirements.