



# Coaxial Fixed Attenuator

Model LBWS-FA-18-100-60-G-SMAMF  
Bi-directional  
DC-18 GHz  
100 Watts

LBWS-FA-18-100-60-G-SMAMF Bi-directional coaxial fixed attenuators average power 100 W, frequency range DC-18 GHz and feature wide frequency band, low VSWR, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

## Typical Applications

- Wireless Infrastructure
- Military and Aerospace Applications
- Test Instrumentation
- Radar Systems
- 5G Wireless Communications
- Microwave Radio Systems
- TR Modules
- Research and Development
- Cellular Base Stations

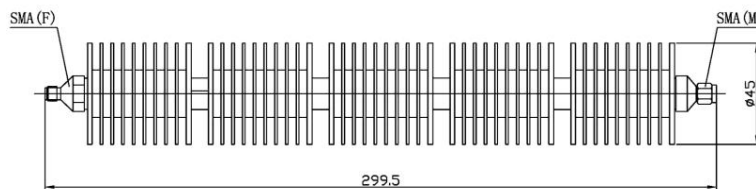
## Features

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



## MECHANICAL SPECIFICATIONS

| Component  | Material                     |
|------------|------------------------------|
| Connectors | Brass Nickel Plated          |
| Male Pin   | Brass Gold Plated            |
| Female Pin | Beryllium Copper Gold Plated |
| Cavity     | Aluminum, Black Anodize      |
| Parameter  | Value                        |
| Temp Range | -50°C ~ +100°C               |
| Dimensions | Ø45×299.5 mm                 |
| Weight     | 0.53 Kg                      |



## ELECTRICAL SPECIFICATIONS

| Part Number              | Frequency Range(GHz) | Attenuation Value & Accuracy(dB) | Max VSWR |
|--------------------------|----------------------|----------------------------------|----------|
|                          |                      | 60                               |          |
| LBWS-FA-18-50-6-GH-A-NMF | DC-18                | -1.2/+2.0                        | 1.45     |

**NOMINAL IMPEDANCE:** 50 Ω

**AVERAGE POWER:** 100 W

**CONNECTOR TYPE:** SMA

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.