

The series of variable rotary step attenuators with an average power of 2 W, frequency range from DC to 18 GHz, max VSWR is 1.60, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

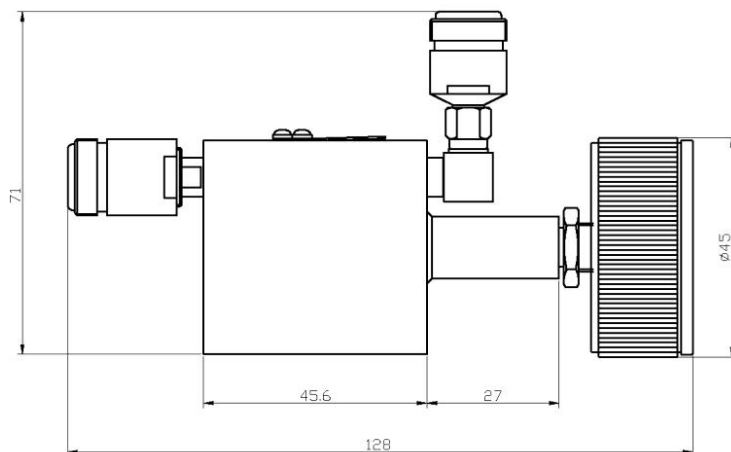
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

FEATURES

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

MECHANICAL SPECIFICATIONS

Female Pin	Gold plated beryllium copper
Housing	Aluminum
Temp. range, °C	0 – +54
Dimensions, mm	Ø45×128
Weight, g	280


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.

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation range, dB	Step size, dB	Insertion loss	Attenuation accuracy, dB	VSWR max
LBWS-RSA-18-2-80-10-1-V5-SMAFF	DC – 18	0 – 80	10	≤ 1.5	$\pm 1.5\text{dB}(0\sim 60\text{dB})$ $\pm 2.5\text{dB}(70\sim 80\text{dB})$	1.60

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 2 W

PEAK POWER: 200 W (5 μ s pulse width with 2% duty cycles)

CONNECTOR TYPE: N (Female/Female)