

The series of coaxial fixed attenuators with an average power of 2 W, frequency range from DC to 18 GHz, max VSWR is 1.35, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

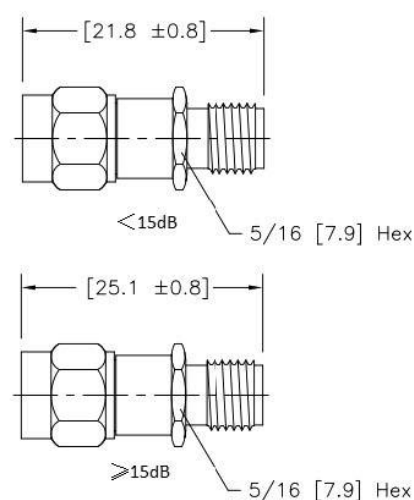
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

FEATURES

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

MECHANICAL SPECIFICATIONS

Connectors	Passivated Stainless steel
Male Pin	Beryllium Copper, Gold Plated
Female Pin	Beryllium Copper, Gold Plated
Housing	Passivated Stainless steel
Insulators	PTFE, Virgin Electrical Grade
Temp. range, °C	–45 – +100
Dimensions, mm	$\varnothing 7.9 \times 21.8$ (<15 dB) $\varnothing 7.9 \times 25.1$ (≥ 15 dB)


ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)					VSWR max
		1 - 9	10	20	25	30	
LBWT-FA-18-2-XX-T-SMAMF	DC – 18	±0.30	±0.50	±0.50	±0.75	±0.75	1.35

NOMINAL IMPEDANCE: 50 Ohm

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

PEAK POWER: 0.25 kW (5 μ s pulse width with 0.05% duty cycle)

CONNECTOR TYPE: SMA (Male/Female)

Order information:

LBWT-FA-18-2-XX-T-SMAMF — choose attenuation value in dB

Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of ± 0.8 mm.