



## 9.5M Base Station Whip Antenna

LB009 (ground) | LB010 (roof)

02

Data Sheet

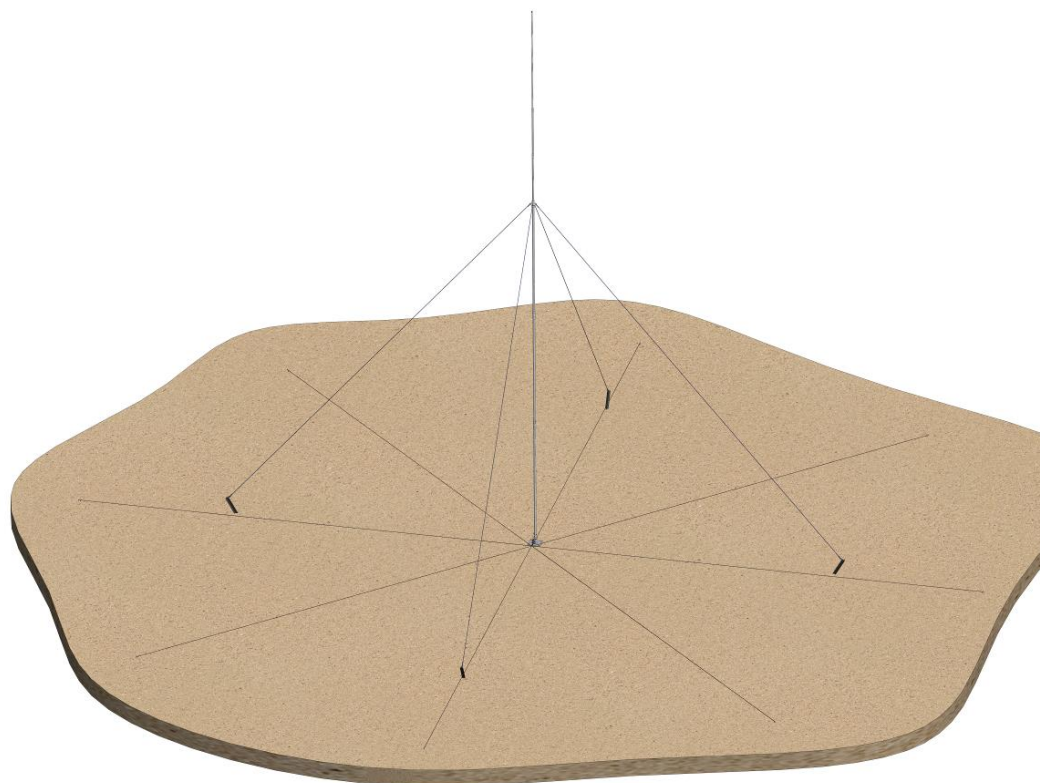


Figure 1 – LB009 Installed Antenna (shown with optional earth mat)

The Lencom® 9.5m Vertical Whip Antennas are perfect matches for the Lencom 4100 and 4006 Automatic Antenna Tuning Units.

They are ideal for locations that provide limited room for antenna installations.

Ground-mount and roof-mount variants are available.

Optional earth mats are also available and are highly recommended for consistent performance.

The base of the whip is custom built to serve as a multi-angle support for the whip, so that it can be installed vertically regardless of the angle of the ground or the roof.

Constructed of high-tensile aluminium, the vertical whip is rugged and built to last in a range of outdoor environments.

The complete package is short enough for transport by air.



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### Key Characteristics

<i>Frequency range</i>	ATU Dependent
<i>Power rating</i>	1kW
<i>Nominal impedance</i>	Untuned
<i>Polarisation</i>	Vertical
<i>Radiation pattern</i>	Omnidirectional
<i>Height</i>	9.5m
<i>Guy Radius</i>	6m
<i>Earth Mat (optional) radius</i>	8m
<i>Wind rating</i>	180km/h (no ice)
<i>Packed dimensions/weight</i>	LB009   12.5kg
	2,300 x 125mm tube
	340 x 240 x 60mm carton
	LB010   8kg
	2,300 x 125mm tube

### 1.1 Available Accessories

<i>Automatic Tuner</i>	<i>Earthing kit</i>	<i>Coaxial Cable</i>	<i>Lightning Arrestor</i>
4006 – 125W tuner	Earthing kit	LA003 (ground)	Lightning arrestor
4100 – 1kW tuner		LA004 (roof)	