



LB025 HF Antenna

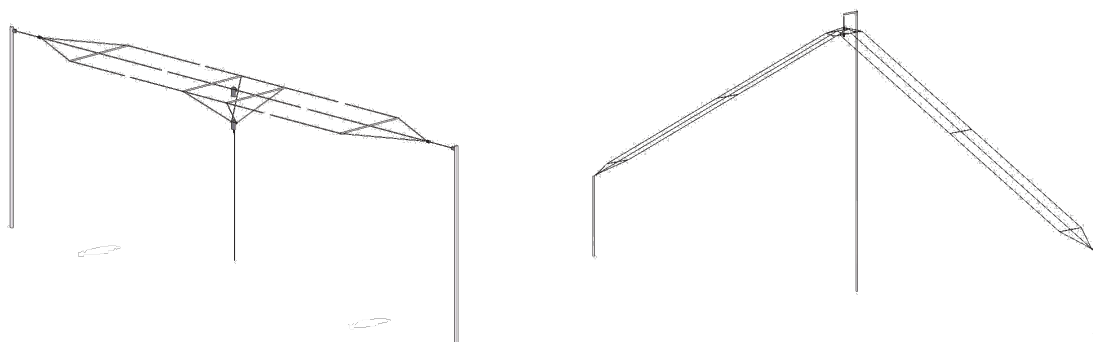
2-30MHz Broadband Folded Dipole

AT A GLANCE

2 to 30MHz

150W PEP

No ATU required



The LB025 Broadband Dipole antenna has been designed for fixed station multi-frequency operation, and covers the entire frequency range of 2-30MHz with a power rating of 150W PEP.

No antenna tuner is required.

As supplied this antenna is suitable for erection in the Inverted V or Horizontal configurations.

The Inverted V has the advantage of requiring only one main mast but Horizontal installations are more efficient.

For both types of installation 10m masts are adequate, and for shorter range operation (0-600km) are near optimal.

For long range operation taller masts (12 to 15m) and horizontal installation are preferred.

All materials used in this antenna are chosen for a long trouble free life.

The wire elements are stainless steel.

Balun and load housings are custom made mouldings of UV resistant, fibre reinforced plastic and insulators are long-life moulded plastic.

Lencom can supply a variety of masts—please enquire.





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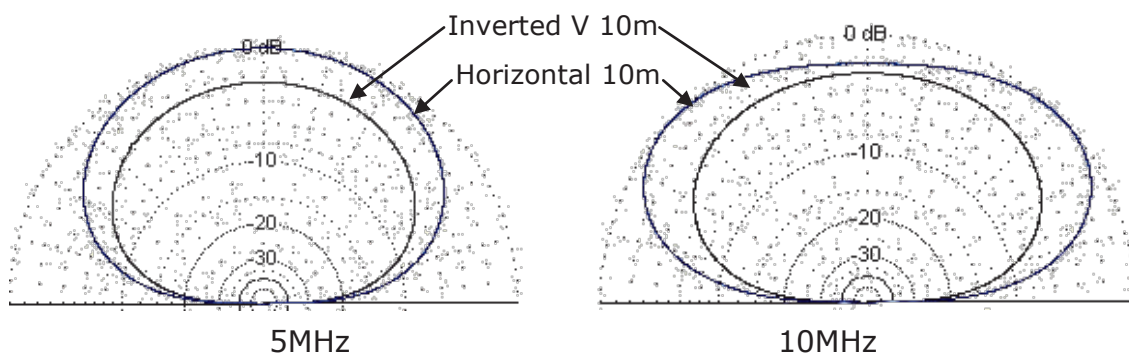
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Electrical Specifications

- **Frequency Range**
2-30MHz
- **Power Rating**
150W PEP
- **Nominal Impedance**
50Ω
- **VSWR**
Generally less than 2:1
- **Radiation pattern**
See Radiation Plots
- **R.F. Connector Type**
SO239

Mechanical Specifications

- **Length**
28m
- **Minimum Mast Spacing**
30m
- **Recommended Mast Height**
10 -15m
- **Wind Rating**
200km/hr
- **Package Details**
7 kg
- **Mounting Hardware**
Halyard and pullies supplied



Available Accessories

Masts; 10m, 12m, 15m

Stub masts

Coaxial cables

Static protection kit

Specifications subject to change without notice

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