



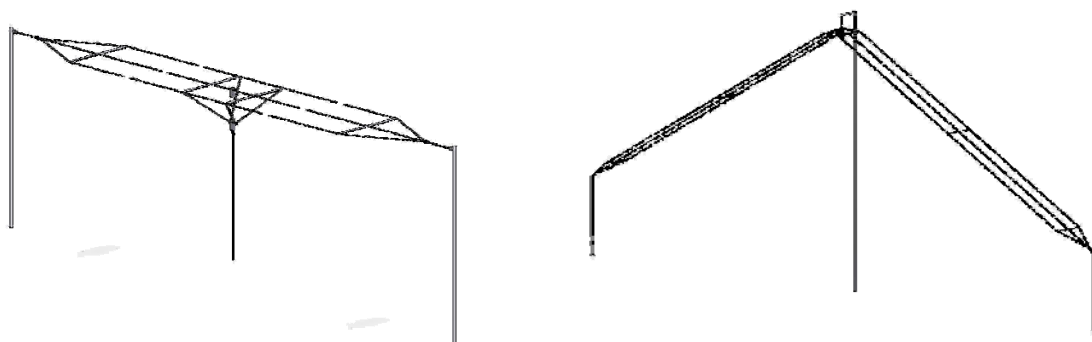
# HF Broadband Antenna 2-30MHz Folded Dipole LB025

## AT A GLANCE

2 to 30MHz

125W PEP

No ATU required



The **Lencom®** 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 125W 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 slightly more efficient.

For both types of installation Lencom 9m masts are suitable, 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.



ISO 9001:2008



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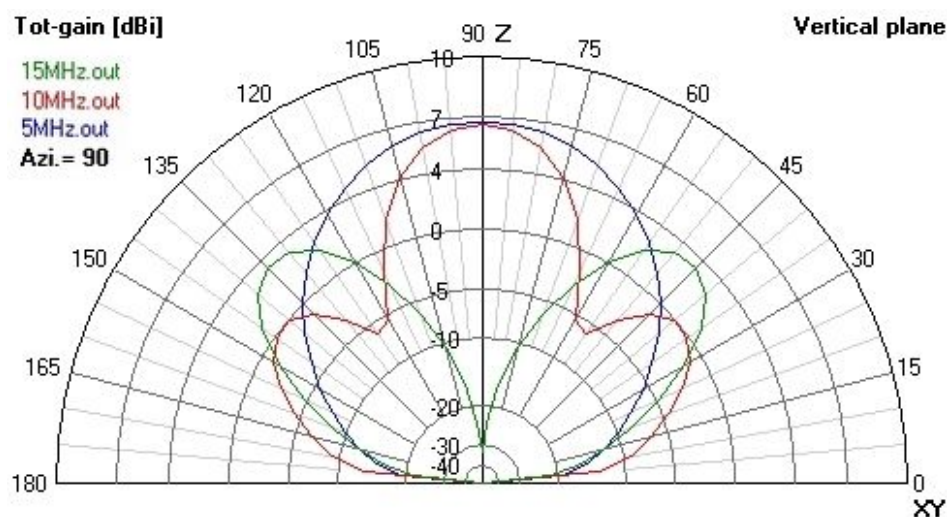
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### Electrical Specifications

- **Frequency Range**  
2-30MHz
- **Power Rating**  
125W 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**  
160km/hr, no ice
- **Package Details**  
7 kg
- **Mounting Hardware**  
Halyard and pullies supplied



### Radiation patterns

#### Available Accessories

Masts; 9m, 12m, 15m

Stub masts

Coaxial cables

Static protection kit

Specifications subject to change without notice



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