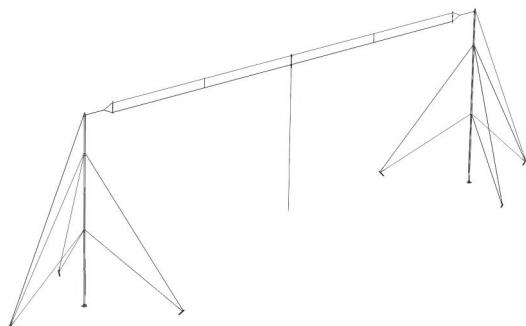




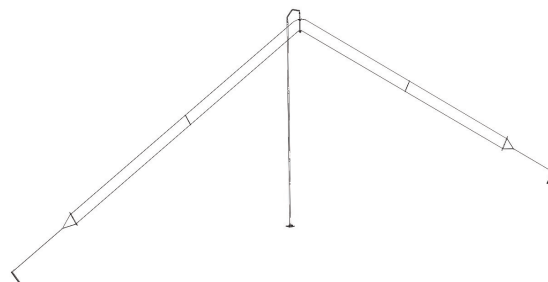
# 2-30MHz Broadband Dipole Antenna, 125W PEP LB00X Series

## AT A GLANCE

2 to 30MHz  
125W PEP  
1kW PEP optional  
No ATU required  
Fully assembled



Horizontal



Inverted V

The **Lencom®** LB00X 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 (75W average).

A 1KW PEP (600W average) variant is available.

No antenna tuner is required.

Three different lengths are offered at both power levels; all provide VSWR of generally less than 2:1 over the whole range, but increase in efficiency with length. Lengths are 27m, 34m and 43m.

The antenna can be mounted horizontally between two masts, or as an inverted Vee using a single central mast.

The antenna is constructed of stranded stainless steel wire rope for long life and resistance to kinking.

Installation is made easy as the antenna elements are rolled on to cardboard tubes to enable the antenna to be easily unrolled on site.

The antenna is fully assembled, and no specialised tools are needed for installation.

Lencom can provide extremely lightweight aluminium masts for either application.



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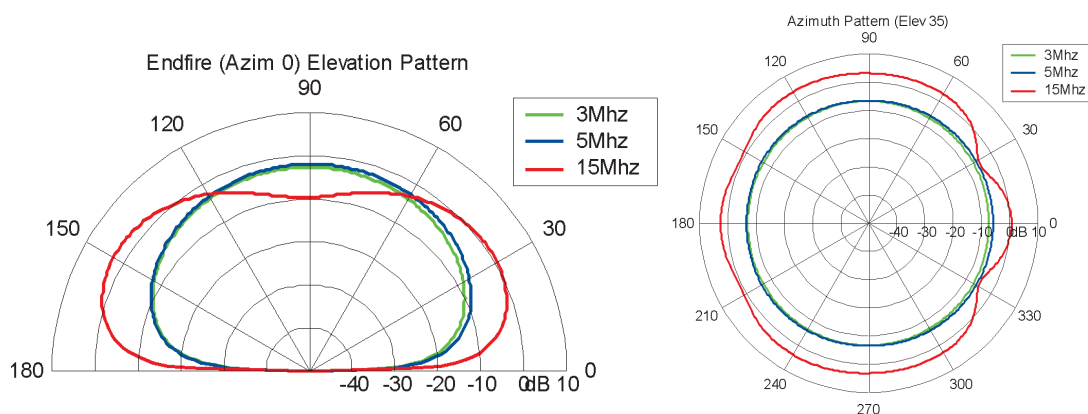
## AT A GLANCE

- 2 to 30MHz
- 125W PEP
- 1kW PEP optional
- No ATU required
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## Specifications

Frequency range	2-30MHz
Power rating	125W PEP (Optional 1kW PEP)
Input impedance	50Ω
VSWR over range	Generally <2:1
Radiation pattern	Refer radiation plot
RF connector type	UHF socket
Wind rating	160km/h
Mounting hardware	Halyard and pullies supplied
Package details	12kg (27m version), 800mm x 600mm x 250mm

Mast information	27m version	34m version	43m version
Mast height	9m	12m	15m
Lencom model	<a href="#">LA011</a>	<a href="#">LA006</a>	<a href="#">LA007</a>
Minimum mast spacing	31m	38m	47m



Radiation patterns are as Inverted V, with 10m mast

Available Accessories:

[Masts; 9m, 12m, 15m](#)

[Stub masts](#)

[Earthing kit](#)

Coaxial cables

[Lightning arrester](#)

Specifications subject to change without notice

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