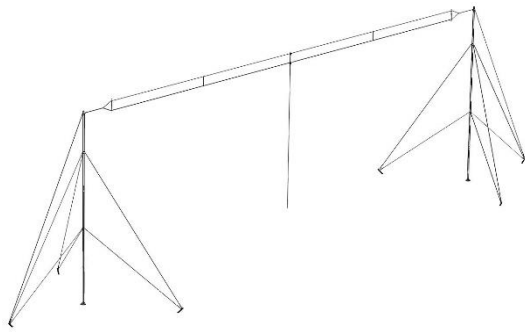




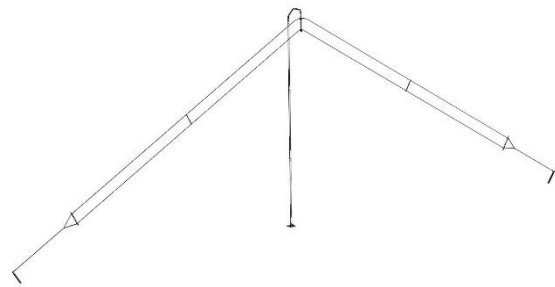
2-30MHz BROADBAND DIPOLE ANTENNA, 1kW PEP

02-2150

Data Sheet



Horizontal



Inverted V

The **Lencom**® 02-2150 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 1kW PEP (600W average).

No antenna tuner is required.

Three different lengths are offered; 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.

2-30MHz BROADBAND DIPOLE ANTENNA, 1kW PEP

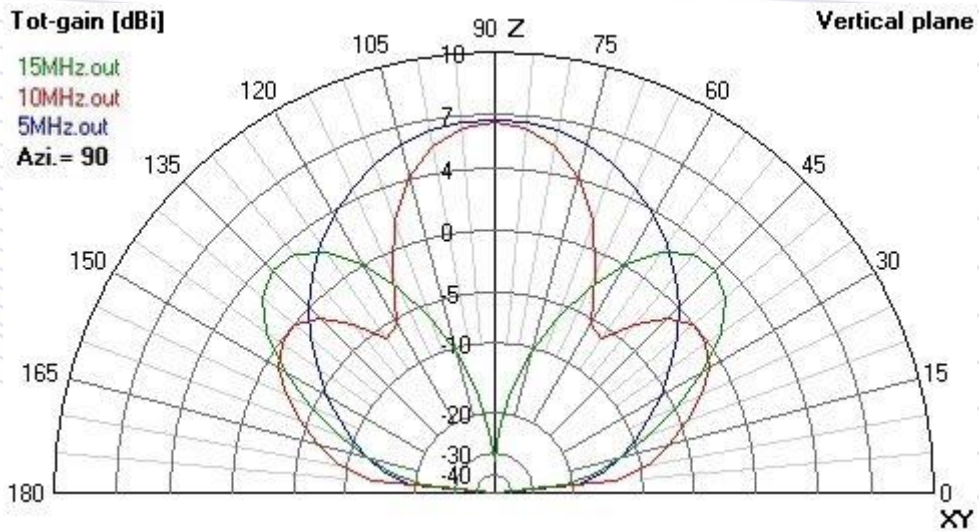
02-2150

Data Sheet

Key Characteristics¹

Frequency range	2-30MHz
Power rating	1kW PEP (600W average)
Input impedance	50Ω
VSWR over range	Generally <2:1
Radiation pattern	Refer radiation plot
RF connector type	N-Type socket
Wind rating	160km/h, no ice
Mounting hardware	Halyard and pullies supplied
Package details	15kg (27m version), 800mm x 600mm x 250mm

MAST INFORMATION	27m version	34m version	43m version
Mast height	9m	12m	15m
Lencom model	LA011	LA006	LA007
Minimum mast spacing	31m	38m	47m



Available Accessories	
Masts; 9m, 12m, 15m	Coaxial cables
Stub masts	Static protection kits

¹ Specifications subject to change without notice