



# 2-30MHz Broadband Dipole & Lightweight Mast Package

## AT A GLANCE

Full coverage 2-30MHz

Antenna needs no ATU

Extremely light

1 person erection

Rapid deployment

Short package designed for air transport

All accessories included

Perfect for rapid deployment needs



(Fig 1. Antenna and mast shown truncated for clarity)

The Lencom 1003 series combines a 2-30MHz folded dipole antenna with an extremely light-weight 10m aluminium mast.

The combination weighs only 26kg in total, and can be erected quickly by one person.

The folded dipole antennas cover the whole HF frequency range of 2-30MHz, without needing an Antenna Tuning Unit.

Antenna lengths are 27m, 34m or 43m, with antenna efficiency rising with the longer variants.

The antenna is installed in an inverted "V" configuration with the included mast.

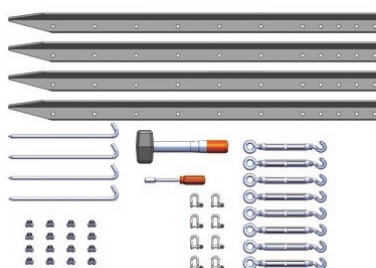
The bespoke centre tube that holds the input balun and terminating load drops directly on to the top of the mast, eliminating the need for any mounting hardware, pullies or raising ropes.

Constructed of marine-grade aluminium tubing, the 02-2170-001 mast comprises five 2m sections that simply slide together.

The mast is guyed three ways at the 4m and 8m levels (with an additional two guys at the antenna level), and can be supplied with natural aluminium finish or blackened.

Star pickets are supplied for the guys, and are pre-fitted with galvanised shackles.

A full installation kit is supplied.



Supplied installation kit



ISO 9001:2008



# 2-30MHz Broadband Dipole & Lightweight Aluminium Mast Package

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## Specifications

### Mast

Height	10m
Guy Radius	6.5m
Mast Weight	10kg; 18.5kg including star pickets
Packed Package Weight	26kg
Packed Package Dimensions	2,130mm x 320mm x 130mm

### Antenna

Frequency range	2 to 30MHz
Power rating	150W PEP
Nominal Impedance	50Ω
Radiation Pattern	Basically omnidirectional
VSWR	Generally less than 2:1
RF Connector Type	SO239 (UHF Socket)
Antenna length	27m, 34m or 43m
Length to stub masts	29m, 36m or 44m

## Ordering Details

01-1003-001	Mast, natural finish, c/w 27m broadband dipole antenna
01-1003-011	Mast, natural finish, c/w 34m broadband dipole antenna
01-1003-021	Mast, natural finish, c/w 43m broadband dipole antenna
01-1003-101	Mast, matt black finish, c/w 27m broadband dipole antenna
01-1003-111	Mast, matt black finish, c/w 34m broadband dipole antenna
01-1003-121	Mast, matt black finish, c/w 43m broadband dipole antenna

Specifications subject to change without notice

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