

# PORTABLE MAST

# 10M PREMIUM MAST



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Codan's 10m Premium Mast is a lightweight and robust mast that is suitable for both permanent and semi-permanent installations. It can support a variety of HF wire antennas and be quickly deployed by a two-person crew.

## VERSATILE

This versatile mast can be used to support many different antenna types and is designed as a cost effective solution for base stations. Due to its robust construction it can easily support high power 1000 W broadband antennas that are often required in HF networks.

## SIMPLE TO INSTALL

The 10 m Premium mast has been designed with ease of installation in mind. The top 3 guys have rope tails and rope cleats included to enable quick and easy securing of the mast when first raised to vertical position. This unique feature ensures installation of the mast can be safely carried out by two persons and makes securing of the cable clamps and fine tuning of turnbuckle tension straight forward. In addition, the provision of all special tools required for installation as part of the standard mast kit, helps to ensure trouble free process.

## COMPACT & LIGHTWEIGHT

When boxed up the packed weight is only 22 kg and its small form factor means it can be easily transported by air for rapid deployment missions.

## MAST PART NUMBER

- 15-60033 Mast, Guyed 10m, Premium (Raw)
- 15-60034 Mast, Guyed 10m, Premium (Black)
- 15-60035 Gibbet, 10m Mast (required for TFD411 Inverted V configuration)

## COMPATIBLE CODAN ANTENNAS

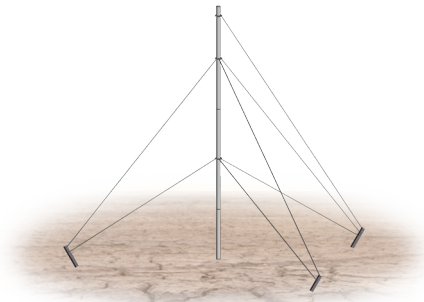
### 25W Manpack

- 15-00456 Broadband Dipole
- 15-00455 Wire Dipole
- 15-00457 Dipole and Broadband Kit
- 15-00454 Long Wire
- 15-00458 End-fed Broadband

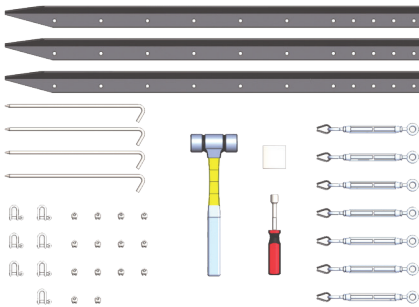
### Base Antennas (150W PEP)

- 78-01012 Semi-delta (125 W PEP)
- 78-01246 Semi-delta (1000 W PEP)
- 15-00411 TFD411 (all variants)
- 15-00403 Tuned long wire

10m Premium Mast



10m Premium Mast Setup



Guyed 10m Premium Mast - Tools

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### SPECIFICATIONS

<b>Installed height</b>	10 metres (33 ft)
<b>Number of guys</b>	2 sets with 3 guy wires (terminated on guy discs)
<b>Number of backstays</b>	1 (terminated on guy disc)
<b>Guy radius</b>	Minimum 5 m (16 ft)
<b>Maximum wind speed</b>	144 km/h (90 mph) in clear air as a standalone mast, subject to anchoring method
<b>Packed weight</b>	22 kg – including tools (49 lbs)
<b>Mast weight</b>	18.5 kg – including star pickets (41 lbs)
<b>Packed dimensions</b>	213 x 37 x 15 cm (7 x 1.2 x 0.5 ft)
<b>Mast material</b>	Lightweight aluminium
<b>Guy material</b>	Stainless steel wire rope with rope tails and cleats for top guy set
<b>Installation hardware kit contents</b>	3 x star pickets, 7 x turnbuckles, 7 x 'D' shackles, 4 x tent pegs, 1 x hammer, 5 x TEK screws, 14 x wire rope grips, 1 x 8 mm hex head nut driver and 1 x conductive grease
<b>Mast finish</b>	Raw aluminium or painted black

Values noted are typical. Equipment descriptions and specifications subject to change without notice or obligation.