

PORTABLE MAST

MAN-PORTABLE MAST 6M



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Codan's 6 M Man-Portable Mast is designed for tactical use where rapid deployment and ease of transportation is important.

The mast is fully compatible with the Codan portable Manpack (25 W) antennas and can also be used with the Codan 125 W Tactical 411 Broadband antenna. Constructed of blackened high tensile aluminium tubing, the man-portable mast comprises ten sections that slide together to form the mast.

LIGHTWEIGHT

The high tensile aluminum tubing and rope guy sets provides a lightweight but robust support for tactical antenna deployments. All metal parts, including the mast tube sections, are blackened to reduce visual detection.

MAN PORTABLE

The mast components are packaged in a durable canvas carry bag for storage and transportation. With an overall weight of only 5.8 kg and packed length of 0.65 m, the mast can be easily hand carried.

RAPID DEPLOYMENT

Deployment of the 6 m mast is a simple task of securing the guy anchor stakes and the mast base and then fitting the guys sets at the mid and upper level mast sections. The mast can then be erected and the guy ropes secured using the quick release tensioning shuttles. A rope halyard and pulley is provided for raising and lowering antennas.

COMPATIBLE CODAN ANTENNAS

25 W Tactical Antennas (Manpack)

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

125 W Tactical Antennas

- 78-01259 TAC 411 Broadband

Note: When used with the 6 m man-portable mast the 78-01259 TAC 411 antenna is optimized for NVIS operation (short distance). For medium to long distance operation the TAC 411 is recommended to be used with a 10 m mast, e.g. the Codan 78-13036 Transportable Mast.

PACKAGE CONTENTS

- 1 x base assembly and mast section
- 9 x mast sections
- 3 x lower guy sets
- 3 x upper guy sets
- 1 x halyard
- 3 x pickets
- 2 x anchor pegs
- 1 x canvas bag

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SPECIFICATIONS

Installed heights	6.1 m
Guy radius	3 m
Mast weight	5.8 kg
Packed weight	6.5 kg
Packed length	750 mm
Maximum head load	12 kg
Maximum wind speed	110 km/hr, no ice, subject to anchoring method and erected as per installation instructions
Low temperature (operational)	-30°C
High temperature (operational)	+60°C
Mast material	Blackened high tensile aluminium
Guy material	4 mm polyester fibre

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

MAST TOP SECTION DETAIL

