

GENERAL DESCRIPTION

The MV-8/FL mast is a 8m mast, manpack transportable. Made of dielectric material, this mast is particularly adapted for supporting HF antennas such as manpack dipole, wire monopole... Its weight makes it the perfect mast for special operations forces.

CONSTRUCTION

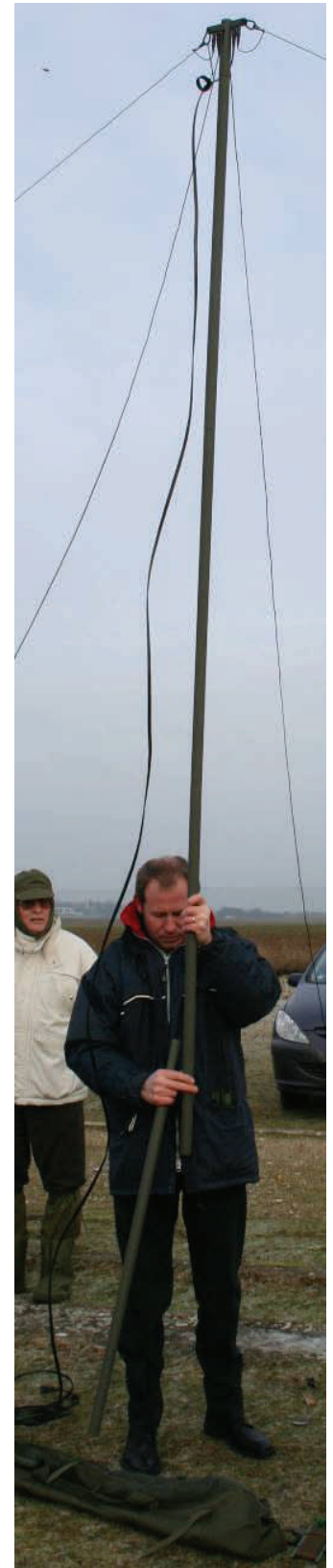
Tubes are made of high quality composite material (glass-fibres reinforced Epoxy resin), manufactured using the Filament Winding process for better mechanical resistance.

The mast is painted NATO green IR 24x5.

All metallic parts are protected against corrosion. All non-painted metallic parts are black but the stakes, which are of natural metallic colour but plastic head is green.

TECHNICAL SPECIFICATIONS

Deployed Height	8 m
Packed height	1.1 m
Bag Dimensions	1100 x 150 x 150 mm
Total Weight	5 kg
Mast section length	1.1 m
Mast section weight	550 g
Mast Section Diameter	31 mm
Guy Radius	5 m
Max wind speed (deployment)	40 km/h
Max wind speed (survival)	120 km/h
Max Temperature (operation)	-40°C to +70°C
Max Temperature (storage)	-35°C to +55°C



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INSTALLATION

The mast is vertically lifted by one person in less than 5 minutes.

The operator assembles the base plate, one mast section and the mast head and leaves the assembly vertical on the ground. He unreels both guy cables, both antenna wires (not provided), drives in the four stakes at 90° around the mast, and connects all wires (antenna and guy) to the stakes.

Then the operator sleeves the 7 remaining mast sections pushing up the mast. Finally he stretches the guy cables and the antenna wires.

KIT CONTENTS



1 Transport bag

8 Mast sections



1 Base plate
16749



1 mast
head
64325



2 guy cables



4 Anchor stakes

OPTION: WIRE ANTENNA

COMROD has developed a new generation of wire antennas for manpack radios. Please contact our sales department for more information.