



DESCRIPTION

Vertical mounted mast by a two persons crew - light (manpack transportable) and soldier friendly, designed to military standards in order to support omni-directional or wire antennas (Directive antenna support available as option).

APPLICATION

This mast allows for mounting a antenna in less than five minutes on most military fields or in the forest thanks to the exclusive COMROD vertical mounting system.

CONSTRUCTION

The MV9/DP mast is composed of 8 sleeve mast sections made of composite materials (Fiberglass reinforced plastic).

A guy level in pre-stressed Terylene is kept under tension during deployment / recovery phases.

A double guy stake system (metallic stakes) anchors the mast even in soft soils.

Height	9 m
Tip Diameter	40 mm
Max Top Load	Omni Antenna 5 kg Wire Antenna horizontal load 50 kg
Max Windspeed	130 km/h
Max Temperature	-40°C to +70°C
Deployment Time	5 mins (two people)
Total Weight	18 kg
Transport Length	1.26 m
Guy Radius	9 m
Guis	Two level - Three Way

Two pulleys are provided for installation of a wire antenna.

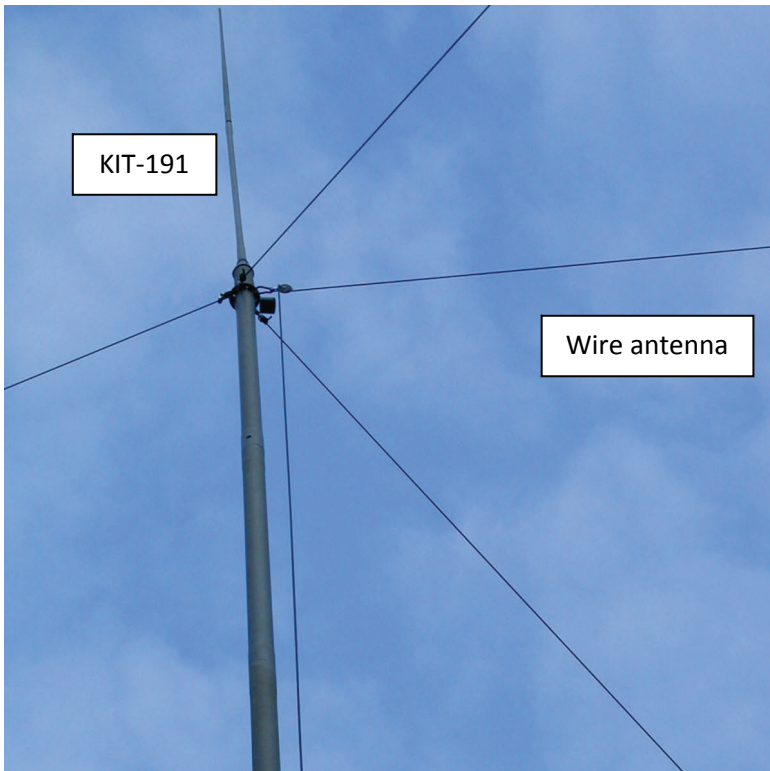
INSTALLATION

One operator lifts vertically the mast sections while the second operator keeps upper guy under tension.

Upper guy cables are equipped with a return pulley hooked to the stake coupler to allow the return of the guy to mast foot. Thanks to this system, the second operator can control tension in the three upper guys from one central point.



EXAMPLE OF A TWO ANTENNA INSTALLATION



One wideband VHF station antenna 30-88MHz (Ref. KIT-191), installed on mast top

A wire antenna, attached by two pulleys at guy collar levels.