



# HALF WAVE DIPOLE

136 - 175 MHZ WITH CLAMP

CODE ..... 15.005

## MECHANICAL FEATURES

Length .....	0,85 mt
Weight .....	1.0 Kg
Fittings .....	On mast 1" - 2"
Brackets material .....	Stainless steel
Structure .....	Fiberglass
Finishing .....	Polyurethane paint
Colour .....	Green NATO IR
.....	Grey RAL 7001
Irradiation element material .....	Cable
Ferrule material .....	Brass
Chromium plating .....	20 $\mu$ m nickel 5 $\mu$ m chrome
Working temperature .....	-35°C +80°C
Max wind resistance .....	150 Km/h
Base torsion force .....	100 N at 160 Km/h

Temperature, salt, ice, sun irradiation resistance in accordance with MIL-STD 810E

Vibration resistance in accordance with MIL-STD 167-1

Shock resistance in accordance with MIL-STD 810E

## ELECTRICAL FEATURES

Frequency .....	136 - 175 Mhz
Antenna .....	Feed dipole
Bandwidth at s.w.r.<1.5 .....	5 Mhz
S.W.R. ....	<2.0
Impedance .....	50 $\Omega$
Gain .....	0dB
Power .....	100 W
Polarization .....	Vertical
Horizontal irradiation .....	270°
Vertical irradiation .....	78°
Connector .....	N female
Lightning protection .....	Yes
DC closed .....	Yes

