



VERTICAL DIPOLE

VHF 68-85 MHZ WITH STAINLESS STEEL CLAMPS

CODE 11070

MECHANICAL FEATURES

Length	2,60 mt
Weight	2,00 Kg
Sections	1
Bottom diameter.....	28 mm
Fittings	On pipe dia 25 (1")
Brackets distance	150 mm
Brackets material	Stainless steel aisi 304
Structure	Epoxy fiberglass
Finishing	Polyurethane paint
Colour.....	White RAL 9000
.....	Grey RAL 7001
Hardware	Stainless steel A2
Irradiation element material.....	Coax cable
Ferrule material.....	Brass
Chromium plating	20µm copper, 20µm nickel, 5µm chrome
Working temperature	-35°C +80°C
Max wind resistance	150 Km/h
Base torsion force	50 N at max wind speed

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.....	68-85 Mhz
Antenna	Coaxial dipole with coil baloon
Bandwidth at s.w.r.<1,5	2 Mhz
S.W.R.....	1,5
Impedance	50 Ω
Gain	0 db on half wave dipole
Power	100 W
Polarization.....	Vertical
Horizontal irradiation.....	360°
Vertical irradiation.....	78°
Connector.....	SO 239
Lightning protection.....	Yes
DC closed	Yes

