



# MULTIPLE DIPOLE INDEPENDENTLY FED

118 - 144 MHz 2-3 DIPOLES

CODE ..... 11.308 (2 dipoles)  
 ..... 11.309 (3 dipoles)

## MECHANICAL FEATURES

Length ..... 4,0 mt (2 dipoles) 6,5 mt (3 dipoles)  
 Weight ..... 35 Kg 50 Kg  
 Sections ..... 1  
 Mast diameter..... 200 mm  
 Fitting..... Peraluman dia 320 flange (see the picture)  
 Antenna structure..... Aluminium  
 Aluminium threatment..... Alodine 1200  
 Radom tube ..... Epoxy fiberglass  
 Finishing ..... Polyurethane paint  
 Colour..... White RAL 9000  
 ..... Grey RAL 7001  
 Irradiation element material..... Aluminium  
 Hardware ..... Stainless steel A2  
 Working temperature ..... -35°C +80°C  
 Max wind resistance with radial ice ..... 160 Km/h  
 Max load at 150 Km/h wind ..... 20 daN

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..... 118 - 144 Mhz  
 Antenna ..... Multiple independently vertical dipole  
 Bandwidth at SWR<2.0 ..... 26 Mhz  
 SWR ..... <2,0  
 Max power ..... 500W at 35° C  
 ..... 400W at 50° C  
 Polarization..... Vertical  
 Horizontal irradiation..... 360°  
 Vertical irradiation..... 78°  
 Gain ..... 0 db on half wave dipole  
 Attenuation ..... >28 db on adjacent dipoles  
 Connection ..... N female connector bottom exit in the base  
 Ground ..... Yes  
 Lightning protection ..... Yes

