



HALF-WAVE DIPOLE VERTICAL ANTENNA

R-F 131 NE / VV.FF, 73 ÷ 74.6 MHz

R-4.05.025.03

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PMR

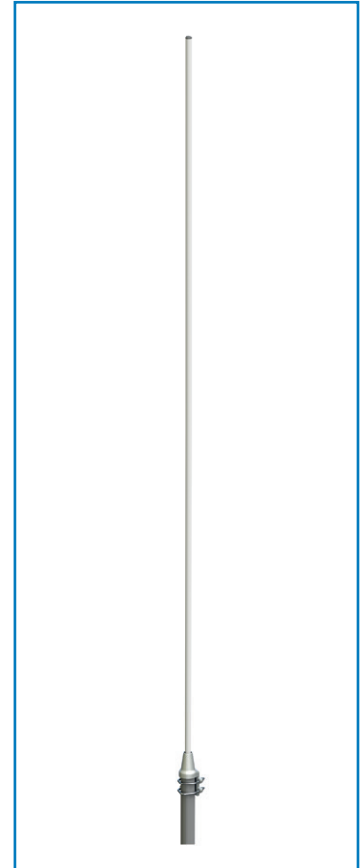
Electrical Specifications

Frequency band (MHz)	73 ÷ 74.6
Input Impedance (Ω)	50
Maximum rated RF Power (W)	100
VSWR	< 1.5:1
Polarization	vertical
Gain (dBd)	0 (2.15 dBi)
HPBW ($^\circ$) - E-plane	78
HPBW ($^\circ$) - H-plane	360
Operating Temp. Range ($^\circ\text{C}$)	-35 ÷ +80

DESCRIPTION

Half-wave dipole vertical antenna for VHF band.

All parts of the antenna are DC grounded for lightning protection.



Mechanical Specifications

Connector	N f	
Length (mm)	2450	
Weight (kg)	2.6	
Max.wind velocity (km/h)	160	
Materials	radome	fiberglass
	base	aluminum with SURTEC 650 galvanic treatment
	mounting kit, screws and nuts	stainless steel
Mounting	on the tip of a tubular mast of diameter (mm)	40 ÷ 60
	laterally at the tip of a tubular mast of diameter (mm)	20 ÷ 54

Radiation Patterns

