



# HALF WAVE DIPOLE VHF ANTENNA

R-F 331 NG, 142 ÷ 160 MHz

R-4.05.001.05

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## Electrical Specifications

Type	Half Wave Vertical Dipole
Frequency band (MHz)	142 ÷ 160
Impedance ( $\Omega$ )	50
VSWR at resonant frequency	< 1.5:1
Continuous Max. Power (W)	100
Polarization	vertical
Gain (dBd)	3
HPBW ( $^{\circ}$ ) - E-plane	21
HPBW ( $^{\circ}$ ) - H-plane	Omni
Operating Temp. Range ( $^{\circ}$ C)	-35 ÷ +80

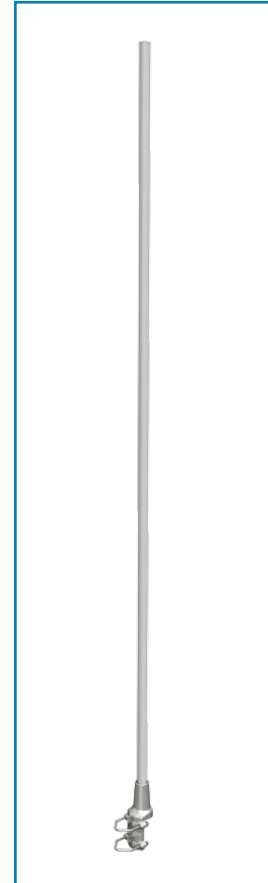
## Mechanical Specifications

Connector	N f
Length (mm)	2450
Weight (kg)	2.4
Max.wind velocity (km/h)	160
Radiator coverage	Fiberglass
Elements material	Brass passivated
Mounting pole (mm)	$\varnothing$ 33 ÷ 60

## DESCRIPTION

Half wave vertical dipole antenna for VHF band.

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



## Radiation Patterns

