



# HALF WAVE DIPOLE VHF ANTENNA

R-F 333 NH, 147 ÷ 173 MHz

R-4.05.036.05

POLOMARCONI.IT

POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

PMR

## Electrical Specifications

Type	Half Wave Vertical Dipole
Frequency band (MHz)	147 ÷ 173
Impedance ( $\Omega$ )	50
VSWR at resonant frequency	< 1.6:1
Continuous Max. Power (W)	100
Polarization	vertical
Gain (dBd)	3
HPBW ( $^{\circ}$ ) - E-plane	30
HPBW ( $^{\circ}$ ) - H-plane	Omni
Operating Temp. Range ( $^{\circ}\text{C}$ )	-35 ÷ +80

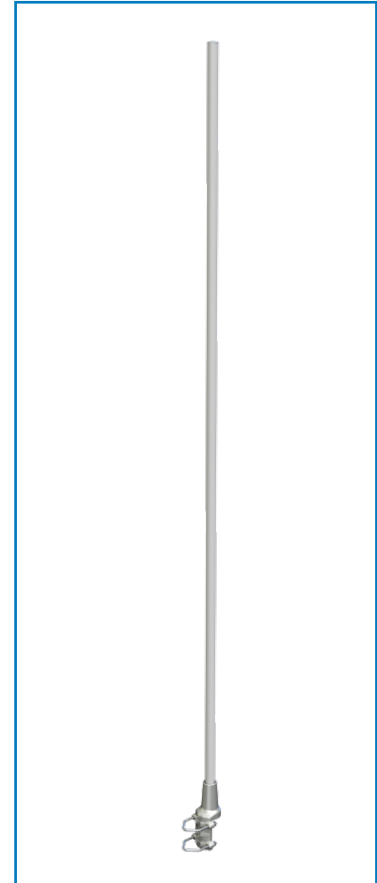
## Mechanical Specifications

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

