



HALF WAVE DIPOLE VHF ANTENNA

R-F 333 NH, 146 ÷ 174 MHz

R-4.05.036.03

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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)	146 ÷ 174
Impedance (Ω)	50
VSWR	< 1.7:1
Continuous Max. Power (W)	100
Polarization	vertical
Gain (dBi)	> 4
HPBW ($^{\circ}$) - E-plane	30
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 hole (mm)	33 ÷ 60

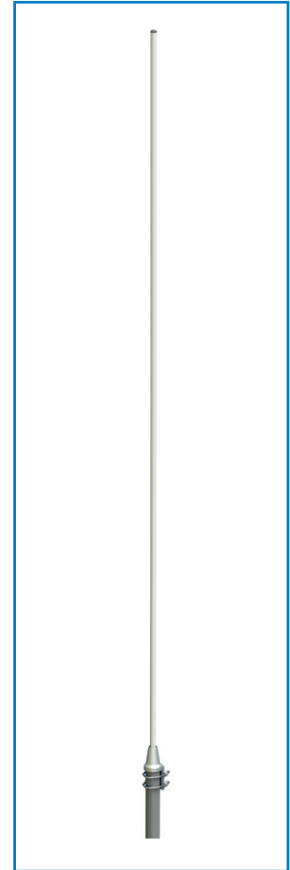
Environmental Specifications

IP rating	IP65
Humidity	MIL-810G method 507.6, Proc. II
Salt Spray	MIL-810G method 509.6

DESCRIPTION

Half wave vertical dipole antenna for VHF band.

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



Radiation Patterns

