



HALF WAVE DIPOLE VHF ANTENNA

R-F 133 NH, 165 ÷ 174 MHz

R-4.05.024.01

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

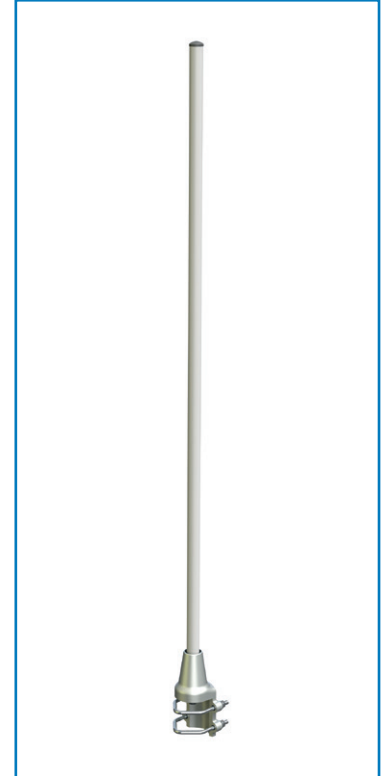
M2M

Electrical Specifications

Type	Half Wave Vertical Dipole
Frequency band (MHz)	165 ÷ 174
Impedance (Ω)	50
VSWR at resonant frequency	< 1.5:1
Continuous Max. Power (W)	100
Polarization	vertical
Gain (dBd)	0
HPBW ($^\circ$) - E-plane	78
HPBW ($^\circ$) - H-plane	Omni
Operating Temp. Range ($^\circ\text{C}$)	-35 ÷ +80

DESCRIPTION

Half wave vertical dipole antenna for VHF band. All parts of the antenna are DC grounded from lightning protection.



Mechanical Specifications

Connector	Nf				
Length (mm)	1270				
Weight (kg)	1.2				
Max.wind velocity (km/h)	160				
Materials	<table border="0"> <tr> <td>radiator coverage elements</td> <td>fiberglass</td> </tr> <tr> <td></td> <td>brass passivated</td> </tr> </table>	radiator coverage elements	fiberglass		brass passivated
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Mounting Pole Diameter (mm)	33 ÷ 60				

Radiation Patterns

