



HALF WAVE DIPOLE VHF ANTENNA

70 ÷ 75 MHz, R-F 131 NE

R-4.05.025.05

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

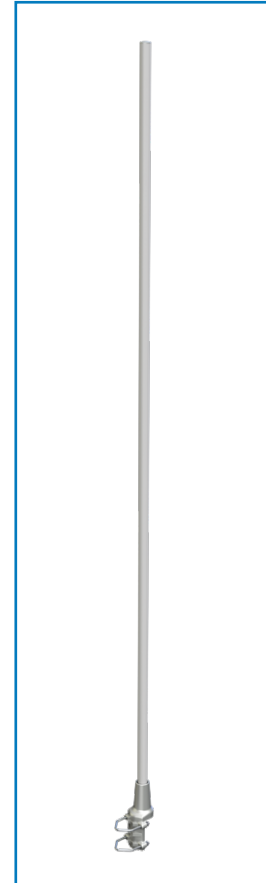
Type	Half Wave Vertical Dipole	
Frequency band (MHz)	70 ÷ 75	
Impedance (Ω)	50	
VSWR	70 ÷ 75MHz band	$\leq 2.0:1$
	73 ÷ 74MHz band	$\leq 1.5:1$
Continuous Max. Power (W)	100	
Polarization	vertical	
Gain (dBd)	0	
HPBW ($^\circ$) - E-plane	78	
HPBW ($^\circ$) - H-plane	360	
Operating Temp. Range ($^\circ\text{C}$)	-35 ÷ +80	

Mechanical Specifications

Connector	N f	
Height (mm)	2450	
Weight (kg)	abt. 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 pole (mm)	$\varnothing 33 \div 60$	

Environmental Specifications

Lightning protection	DC grounded
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Radiation Patterns

