



# HALF WAVE DIPOLE UHF ANTENNA

R-F 130 NQ VVFF, 410 ÷ 450 MHz

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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)	410 ÷ 450
Impedance ( $\Omega$ )	50
VSWR	< 1.5:1
Continuous Max. Power (W)	100
Polarization	vertical or horizontal
Gain (dBi)	2.1
HPBW ( $^\circ$ ) - E-plane	78
HPBW ( $^\circ$ ) - H-plane	Omni
Operating Temp. Range ( $^\circ\text{C}$ )	-35 ÷ +80

## Mechanical Specifications

Connector	N f	
Length (mm)	< 710	
Weight (kg)	1.0	
Max. wind velocity (km/h)	160	
Materials	elements radome	brass passivated fiberglass
Mounting hole (mm)	30 ÷ 60	

## DESCRIPTION

Half wave vertical dipole antenna for UHF band.

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



## Radiation Patterns

