



HALF WAVE DIPOLE UHF ANTENNA

R-F 130 NZ, 435 ÷ 470 MHz

R-4.05.027.01

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

PMR

Electrical Specifications

Type	Half Wave Vertical Dipole
Frequency band (MHz)	435 ÷ 470
Impedance (Ω)	50
VSWR	< 1.5:1
Continuous Max. Power (W)	100
Polarization	vertical or horizontal
Gain (dBd)	0
HPBW ($^{\circ}$) - E-plane	78
HPBW ($^{\circ}$) - H-plane	Omni
Operating Temp. Range ($^{\circ}$ C)	-35 ÷ +80

DESCRIPTION

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



Mechanical Specifications

Connector	N f
Length (mm)	700
Weight (kg)	1.0
Max. wind velocity (km/h)	160
Elements material	Brass passivated
Radome coverage	Fiberglass
Mounting hole (mm)	30 ÷ 60

Radiation Patterns

