



HALF WAVE DIPOLE UHF ANTENNA

400 ÷ 435 MHz

R-4.05.005.01

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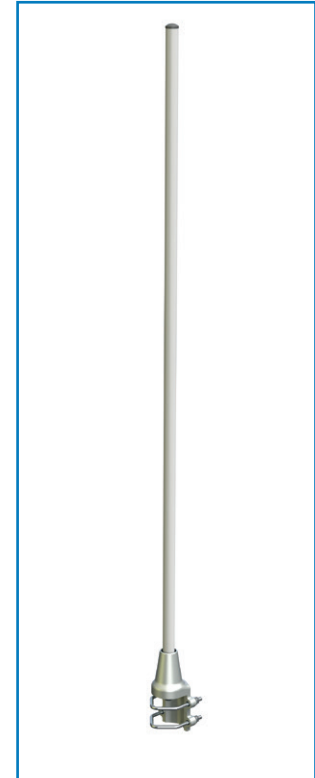
PMR

Electrical Specifications

Type	Half Wave Vertical Dipole
Frequency band (MHz)	400 ÷ 435
Impedance (Ω)	50
VSWR at resonant frequency	< 1.5:1
Continuous Max. Power (W)	100
Polarization	vertical
Gain (dBd)	3
HPBW ($^\circ$) - E-plane	30
HPBW ($^\circ$) - H-plane	Omni
Operating Temp. Range ($^\circ\text{C}$)	-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)	1410
Weight (kg)	1.3
Max. wind velocity (km/h)	160
Radiator coverage	Fiberglass
Elements material	Brass passivated
Mounting hole (mm)	33 ÷ 60

Radiation Patterns

