



HALF WAVE DIPOLE UHF ANTENNA

R-F 530 NZ, 435 ÷ 470 MHz

R-4.05.004.01

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PMR

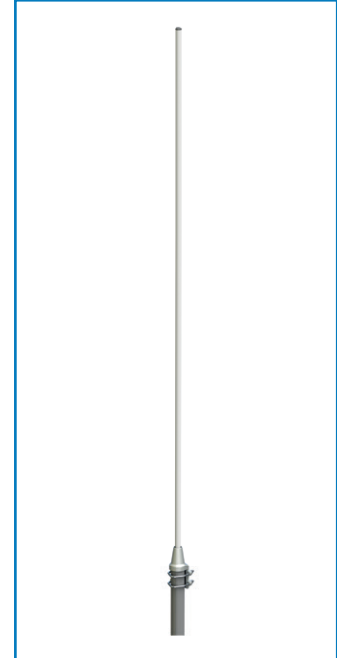
Electrical Specifications

Type	Half Wave Vertical Dipole
Frequency band (MHz)	435 ÷ 470
Impedance (Ω)	50
VSWR at resonant frequency	< 1.5:1
Continuous Max. Power (W)	100
Polarization	vertical
Gain (dBd)	5
HPBW ($^{\circ}$) - E-plane	18
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)	1980	
Weight (kg)	1.8	
Max. wind velocity (km/h)	160	
Materials	elements radome	brass passivated fiberglass
Mounting hole (mm)	33 ÷ 60	

Radiation Patterns

