



HALF WAVE DIPOLE UHF ANTENNA

SF 420, 400 ÷ 470 MHz

14300020

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PMR

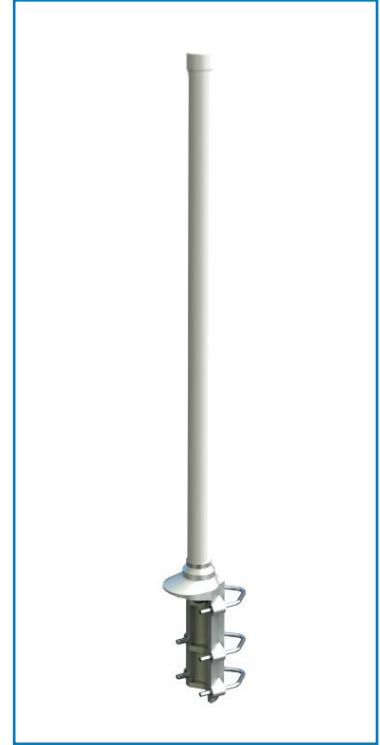
Electrical Specifications

Type	Coaxial Dipole
Frequency band (MHz)	400 ÷ 470
Impedance (Ω)	50
VSWR at resonant frequency	< 1.5:1
Continuous Max. Power (W)	200 (400 peak)
Polarization	vertical or horizontal
Gain (dBd)	0
HPBW ($^\circ$) - E-plane	74
HPBW ($^\circ$) - H-plane	Omni
Operating Temp. Range ($^\circ\text{C}$)	-40 ÷ +75

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)	635
Weight (kg)	1.5
Max. wind velocity (km/h)	160
Radome material	Fiberglass
Mounting hole (mm)	30 ÷ 62

Radiation Patterns

Vertical Plane

