



HALF WAVE DIPOLE VHF ANTENNA

SF 120 L, 118 ÷ 148 MHz

13300020

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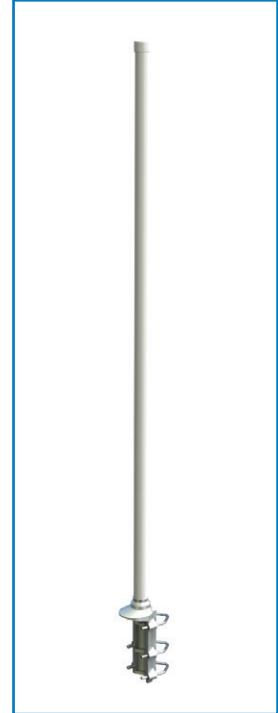
PMR

Electrical Specifications

| | |
|-----------------------------|----------------|
| Type | Coaxial Dipole |
| Frequency band (MHz) | 118 ÷ 148 |
| Impedance (Ω) | 50 |
| VSWR | < 1.7:1 |
| Continuous Max. Power (W) | 200 (400 peak) |
| Polarization | vertical |
| Gain (dBd) | 0 |
| HPBW ($^\circ$) - E-plane | 69 |
| HPBW ($^\circ$) - H-plane | Omni |

DESCRIPTION

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

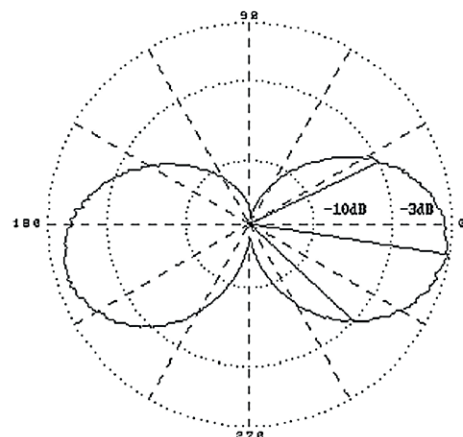


Mechanical Specifications

| | |
|--|------------|
| Connector | N f |
| Length (mm) | 1300 |
| Weight (kg) | 2.0 |
| Max.wind velocity (km/h) | 120 |
| Radome material | Fiberglass |
| Mounting hole (mm) | 30 ÷ 62 |
| Operating Temp. Range ($^\circ\text{C}$) | -40 ÷ +75 |

Radiation Patterns

Vertical plane



VSWR

