



HALF WAVE CENTER FED DIPOLE VHF ANTENNA

R-Y 010 NG, 136 ÷ 174 MHz

R-4.06.013.01

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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

Frequency band (MHz) 136 ÷ 174

Impedance (Ω) 50

VSWR 136 ÷ 140 MHz < 1.7
140 ÷ 174 MHz < 1.5

Continuous Max. Power (W) 150

Polarization vertical or horizontal

Gain (dBd) 1

HPBW ($^\circ$) - E-plane 74

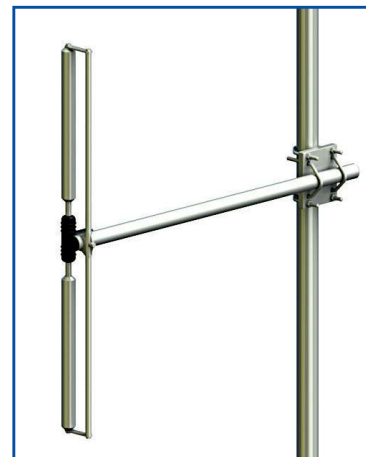
HPBW ($^\circ$) - H-plane Omni

Operating Temp. Range ($^\circ\text{C}$) -35 ÷ +80

DESCRIPTION

Half wave center fed dipole antenna for VHF band.

All parts of the antenna are DC grounded from lightning protection.



Mechanical Specifications

Connector N f

Dimensions (mm) 615 x 820

Weight (kg) 2.5

Wind resistance (km/h) 160

Materials boom Aluminum alloy DIN 3.2315
elements Aluminum alloy DIN 3.2306

Mounting hole (mm) on master tube 33 ÷ 60

Radiation Patterns

