



# VHF OMNIDIRECTIONAL ANTENNA

108 ÷ 156 MHz, 2 dBi, 4 Inputs, Hard Environmental Sites

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POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

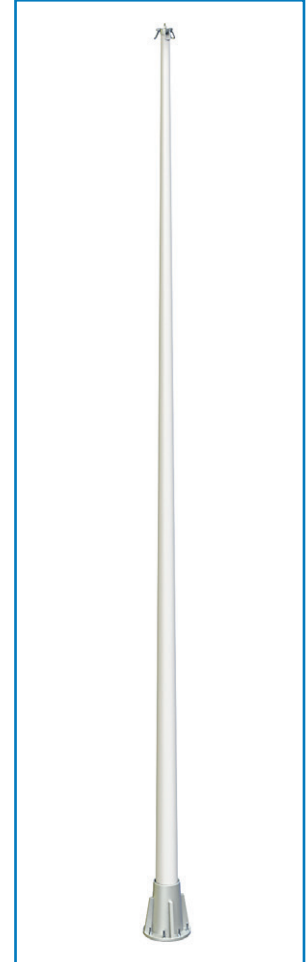
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## Electrical Specifications

Frequency Band (MHz)	108 ÷ 156
Impedance ( $\Omega$ )	50
VSWR	$\leq 2.0:1$
Continuous Max. Power (W)	< 200
Polarization	linear vertical
Gain (dBi) typ.	2
HPBW ( $^\circ$ ) - H-plane	omni $\pm 1$ dB
HPBW ( $^\circ$ ) - E-plane	80 $\pm 5$
Isolation (dB) between inputs	$\geq 27$
Grounding	DC grounded
Operating Temp. Range ( $^\circ\text{C}$ )	-40 ÷ +70

## Special Features

Antenna is designed for support guy line ropes.



## Mechanical Specifications

Connectors	4 x Nf
Dimensions (mm)	
Length	8126
Radome diameter	$\varnothing 77 \div 202$
Weight (kg)	96
Wind load @ 220 km/h (N)	< 3000
Colour	RAL 7035 (grey)
Radome material	Fiberglass
Mounting	flange $\varnothing 434$ mm

## MOUNTING FLANGE (mm)

