



# VHF OMNIDIRECTIONAL ANTENNA

118 ÷ 137 MHz, Single Polarization, 2 dBi

T01110402

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

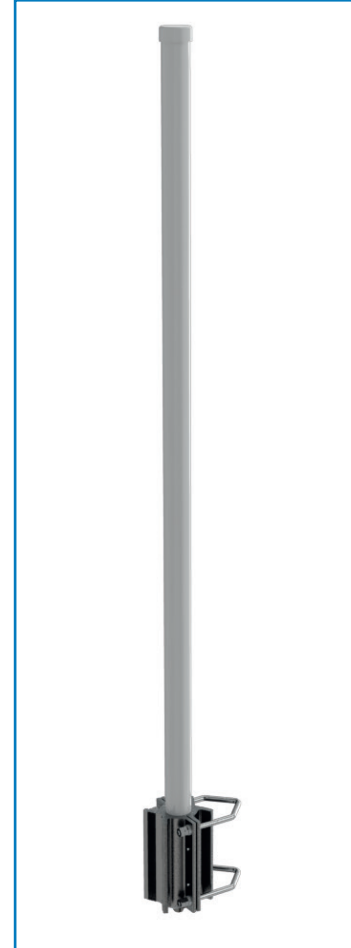
ATC

## Electrical Specifications

Frequency band (MHz)	118 ÷ 137
Impedance ( $\Omega$ )	50
VSWR	$\leq 1.5:1$
Continuous Max. Power (W)	< 200
Polarization	linear vertical
Gain (dBi) typ.	2.15
HPBW ( $^\circ$ ) - H-plane	omni $\pm 1$ dB
HPBW ( $^\circ$ ) - E-plane	$75 \pm 5$
Lightning Protection	DC grounded

## Mechanical Specifications

Connector	Nf
Dimensions (mm)	
Length	1350
Radome diameter	$\varnothing 40$
Weight (kg)	2.8
Wind load @ 150 km/h (N)	50
Max wind speed (km/h)	200
Radome material	Fiberglass
Colour	RAL 7035 (light grey)
Mounting	on pole $\varnothing 40 \div 60$ mm
Operating Temp. Range ( $^\circ\text{C}$ )	$-40 \div +70$



## MOUNTING (mm)

