



# VHF GROUND PLANE OMNIDIRECTIONAL ANTENNA

118 ÷ 137 MHz, Single Polarization, 2 dBi

T01110403

POLOMARCONI.IT

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)	100
Polarization	linear vertical
Gain (dBi) typ.	2
HPBW ( $^\circ$ ) - H-plane	omni $\pm 0.5$ dB
HPBW ( $^\circ$ ) - E-plane	$80 \pm 5$
Lightning Protection	DC grounded



## Mechanical Specifications

Connector	Nf
Dimensions (mm)	
Length	780
Radome diameter	$\varnothing 40$
Weight (kg)	2.5
Wind load @ 150 km/h (N)	23
Color	RAL 7035 (grey)
Radome material	Fiberglass
Mounting	on pole $\varnothing 40 \div 60$ mm
Operating Temp. Range ( $^\circ\text{C}$ )	$-40 \div +70$

## MOUNTING (mm)

