



# UHF OMNIDIRECTIONAL ANTENNA

225 ÷ 400 MHz, Single Polarization, 4.5 dBi, 2 Inputs

T01140608

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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)	225 ÷ 400
Impedance ( $\Omega$ )	50
VSWR	$\leq 2:1$
Continuous Max. Power (W)	200
Polarization	linear vertical
Gain (dBi)	4.5
HPBW ( $^\circ$ ) - H-plane	omni $\pm 1$ dB
HPBW ( $^\circ$ ) - E-plane	35 $\pm 4$
Isolation (dB) between inputs	$\geq -40$
Lightning Protection	DC grounded

## Mechanical Specifications

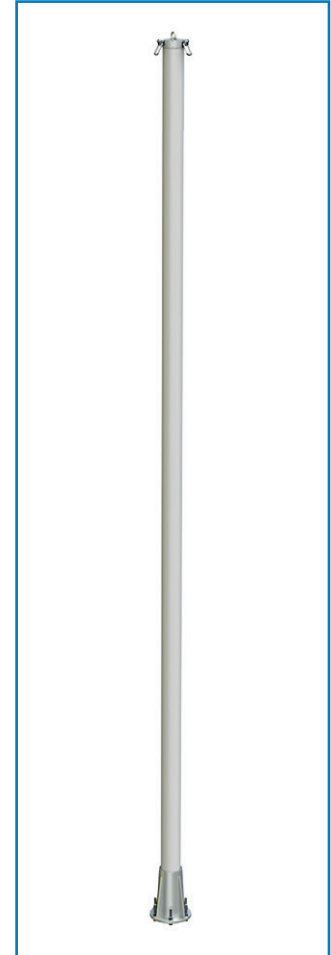
Connectors	2 x Nf
Dimensions (mm)	
Length	5380
Radome diameter	$\varnothing 127$
Weight (kg)	36
Wind load @ 160 km/h (N)	527
Max. wind velocity (km/h)	200
Colour	RAL 7035 (grey)
Radome material	Fiberglass
Mounting	flange $\varnothing 265$ mm
Operating Temp. Range ( $^\circ\text{C}$ )	-40 ÷ +70

## DESCRIPTION:

Collinear antenna with four elements isolated or coupled in a common fiberglass radome. Suitable for multichannel base stations.

## SPECIAL FEATURES:

- Broadband: 225÷400 MHz
- Nr. inputs: 2
- Omnidirectional radiation
- High power: 200 W
- Protected against lightning
- Very rugged construction
- Designed for support guy line ropes



## MOUNTING FLANGE (mm)

