



# UHF OMNI MULTIPLE ANTENNA

225 ÷ 400 MHz, 4 dipoles

T01140613

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)	225 ÷ 400
Impedance ( $\Omega$ )	50
VSWR	$\leq 2$
Polarization	linear vertical
Gain (dBi)	7.5
HPBW ( $^\circ$ ) - E-plane	$16 \pm 3$
HPBW ( $^\circ$ ) - H-plane	omni $\pm 1$ dB
Isolation (dB) between inputs	$\geq 27$
Continuous Max Power (W)	200
Lightning Protection	DC grounded

## Mechanical Specifications

Connector	4 Nf
Dimensions (mm)	
Length	5183
Radome diameter	$\varnothing 137 \div 207$
Colour	RAL 7035 (grey)
Weight (kg)	91
Wind load @ 150 km/h (N)	1217
Radome	Fiberglass
Mounting	flange $\varnothing 434$ mm
Operating Temp. Range ( $^\circ\text{C}$ )	$-40 \div +70$
Storage Temp. Range ( $^\circ\text{C}$ )	$-50 \div +80$

## DESCRIPTION:

Special collinear antennas suitable for hard environmental site.

This antenna has been designed to withstand at the extreme ambiental conditions: ice, wind and temperature with internal removable de-icing system on request.

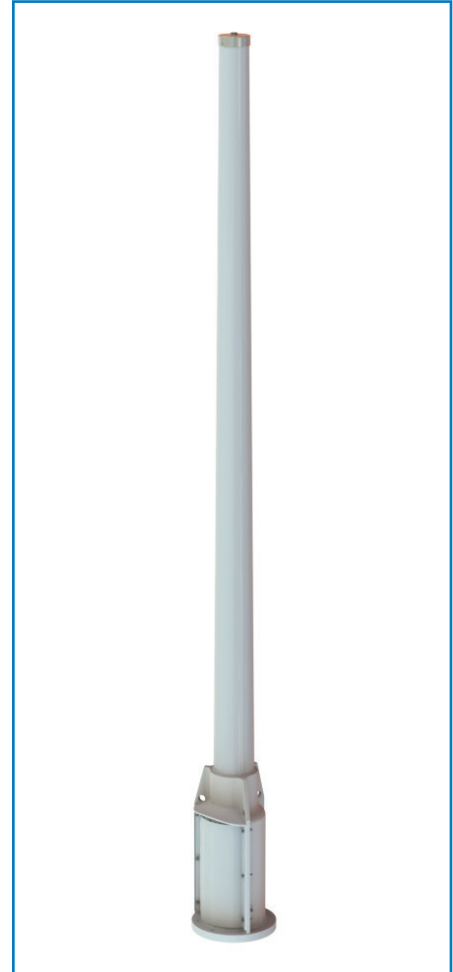
The external radome is a conic structure made in thick fiberglass extrusion, and the base flange is molded in aluminum.

## SPECIAL FEATURES:

- Broadband: 225÷400 MHz
- Nr. input: 4
- Omnidirectional radiation
- High power: 200 W
- Protected against lightning
- Very rugged construction
- Internal removable de-icing system (on request)

## OPTION:

Removable De-icing System T16990023



## MOUNTING FLANGE (mm)

