



VHF OMNI MULTIPLE ANTENNA

108 ÷ 156 MHz, 3 DIPOLES

T01130410

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)	108 ÷ 156
Impedance (Ω)	50
VSWR	≤ 2
Continuous Max. Power (W)	200
Polarization	linear vertical
Gain (dBi)	2
HPBW ($^\circ$) - E-plane	80 ± 5
HPBW ($^\circ$) - H-plane	omni ± 1 dB
Isolation (dB) between inputs	≥ 27
Lightning Protection	DC grounded

Mechanical Specifications

Connector	3 Nf
Dimensions (mm)	
Length	6955
Radome diameter	$\varnothing 105 \div 207$
Colour	RAL 7035 (grey)
Weight (Kg)	102
Wind load @ 150 Km/h (N)	6718
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.

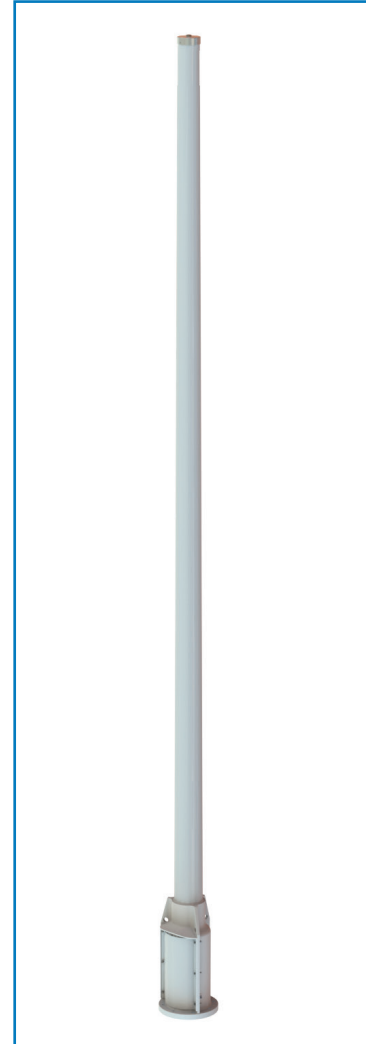
The external radome is a conic structure made in thick fiberglass extrusion, and the base flange is molded in aluminum.

SPECIAL FEATURES:

- Broadband: 108÷156 MHz
- Nr. input: 3
- 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)

