



VHF OMNIDIRECTIONAL ANTENNA

108 ÷ 156 MHz, Single Polarization, 2 dBi, 3 Inputs

T01130401

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	108 ÷ 156 MHz \leq 2:1 118 ÷ 137 MHz $<$ 1.8:1
Continuous Max. Power (W)	200
Polarization	linear vertical
Gain (dBi)	2
HPBW ($^\circ$) - H-plane	omni \pm 0.5 dB
HPBW ($^\circ$) - E-plane	80 \pm 5
Isolation (dB) between inputs	\geq 27
Lightning Protection	DC grounded

Mechanical Specifications

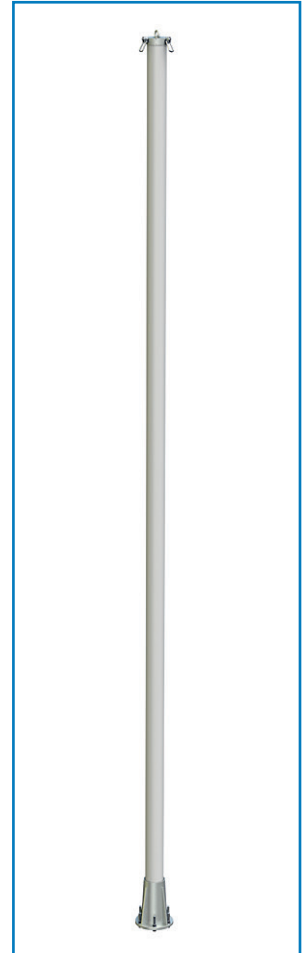
Connectors	3 x Nf
Dimensions (mm)	
Length (without eye bolt)	6000
Radome diameter	\varnothing 127
Weight (kg)	40
Wind load @ 200 km/h (N)	1400
Colour	RAL 7035 (grey)
Radome material	Fiberglass
Mounting	flange \varnothing 265 mm
Operating Temp. Range ($^\circ$ C)	-40 ÷ +70
Storage Temp. Range ($^\circ$ C)	-50 ÷ +80

DESCRIPTION:

Collinear antenna with three isolated elements in a common fiberglass radome. Suitable to be installed in standard sites.

SPECIAL FEATURES:

- Broadband: 108÷156 MHz
- Nr. inputs: 3
- Omnidirectional radiation
- High power: 200 W
- Protected against lightning
- Very rugged construction
- Designed for support guy line ropes



MOUNTING FLANGE (mm)

