



VHF OMNIDIRECTIONAL ANTENNA

108 ÷ 156 MHz, Dual Input, 2 dBi, High Contrast Colour

T01120459

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	$\leq 2.0:1$
Continuous Max. Power (W)	200
Polarization	linear vertical
Gain (dBi)	2
HPBW ($^\circ$) - H-plane	omni ± 1 dB
HPBW ($^\circ$) - E-plane	80 ± 5
Isolation (dB) between inputs	≥ 27
Lightning Protection	DC grounded

Mechanical Specifications

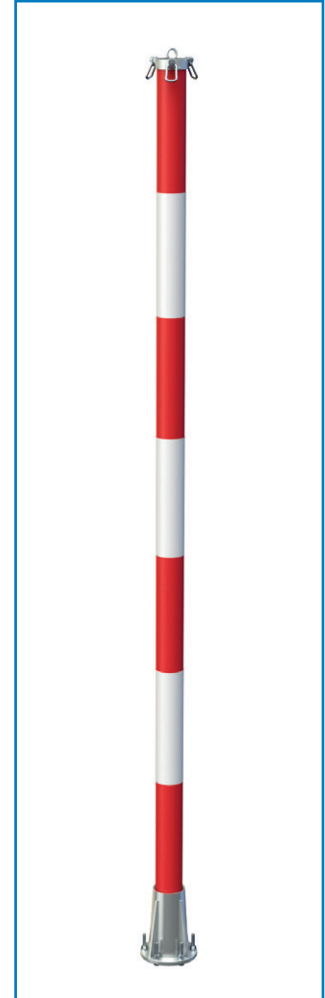
Connectors	2 x Nf
Dimensions (mm)	
Length	4120
Radome diameter	$\varnothing 127$
Weight (kg)	31
Wind load @ 200 km/h (N)	950
Colour	RAL 2002 (Red) / RAL 9010 (White)
Radome material	Fiberglass
Mounting	flange $\varnothing 265$ mm
Operating Temp. Range ($^\circ\text{C}$)	$-40 \div +70$

DESCRIPTION

Collinear antenna with two elements isolated in a common fiberglass radome. Suitable for multi channel base stations.

SPECIAL FEATURES:

- Broadband: 108÷156 MHz
- Nr. input: 2
- Omnidirectional radiation
- High power: 200 W
- Protected against lightning
- Very rugged construction
- Designed for support guy line ropes



MOUNTING FLANGE (mm)

