



VHF/UHF OMNIDIRECTIONAL ANTENNA

108 ÷ 156 / 225 ÷ 400 MHz, 2 dBi, 2 Inputs, Obstruction Light

T01123002

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)	VHF 108 ÷ 156 UHF 225 ÷ 400
Impedance (Ω)	50
VSWR	$\leq 2:1$
Continuous Max. Power (W)	200
Power Supply (V_{AC})	220
Polarization	linear vertical
Gain (dBi) typ.	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
Power Connector	3+PE male
Upper Fixed Obstruction Light	Red
Dimensions (mm)	
Length	3525
Radome diameter	$\varnothing 127$
Weight (kg)	29
Wind load @ 150 km/h (N)	490
Colour	RAL 2002 (Red) / RAL 9010 (White)
Radome material	Fiberglass
Mounting	flange $\varnothing 265$ mm
Operating Temp. Range ($^{\circ}C$)	$-40 \div +70$

DESCRIPTION:

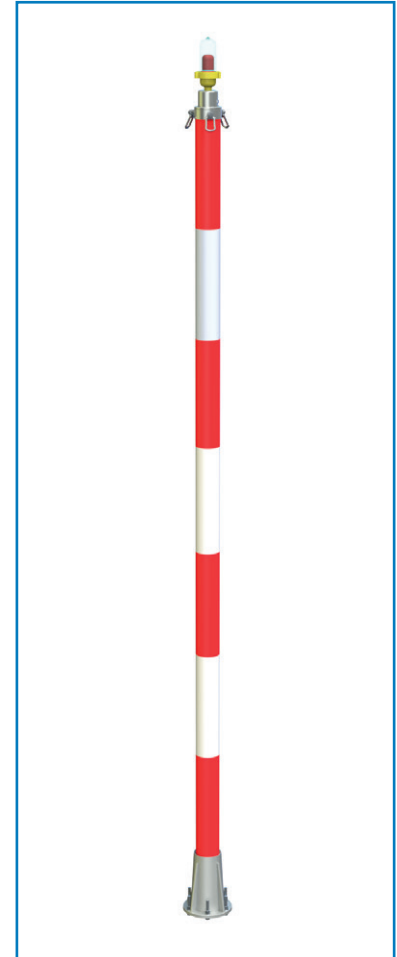
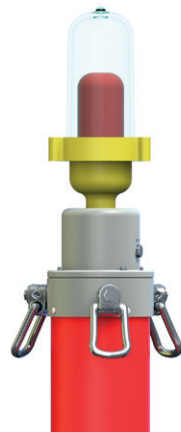
Special collinear antenna with two isolated elements inside the radome and obstruction light on the top.

This red and white coloured antenna is suitable to be installed near airports or on high towers for obstruction purpose.

It is a dual band antenna operating in both, VHF and UHF bands.

SPECIAL FEATURES:

- Dual band: 108÷156 MHz / 225÷400 MHz
- Nr. input: 2 (1 VHF, 1 UHF)
- Omnidirectional radiation
- High power: 200 W
- Protected against lightning
- Very rugged construction
- Obstruction light integrated
- Red and white radome
- Designed for support guy line ropes



MOUNTING FLANGE (mm)

