



VHF OMNIDIRECTIONAL ANTENNA

108 ÷ 156 MHz, Single Input, 2 dBi

T01110401

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	$\leq 2.0:1$
	118 ÷ 144 MHz	$\leq 1.75:1$
Polarization	linear vertical	
Gain (dBi)	2	
HPBW ($^\circ$) - H-plane	omni ± 0.5 dB	
HPBW ($^\circ$) - E-plane	80 ± 5 dB	
Continuous Max. Power (W)	500	
Lightning Protection	DC grounded	

Mechanical Specifications

RF Connector	Nf	
Dimensions (mm)	Length	1300
	Radome diameter	$\varnothing 127$
Weight (kg)	7	
Wind Load (N) @ 160 km/h	208	
Max wind velocity (km/h)	200	
Colour	RAL 7035	
Material	Radome	UV resistant fiberglass
	Rad. elements	Aluminium anticorodal
	Base flange	Weatherproof aluminium
	Screws and nuts	Stainless steel
Mounting	3 x M8 screws	
Operating Temp. Range ($^\circ\text{C}$)	-40 ÷ +70	

DESCRIPTION

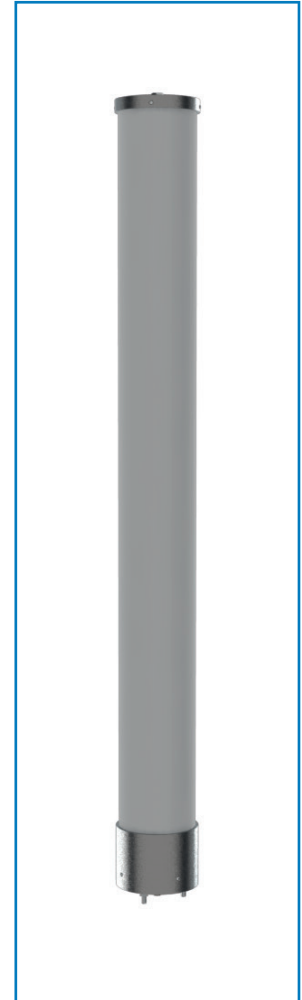
VHF single dipole.
Suitable to be installed in standard sites and up to 2500 m altitude

SPECIAL FEATURES

- Broadband: 108÷ 156 MHz
- Omnidirectional radiation
- High power: 500 W
- Protected against lightning
- Very rugged construction

SCOPE OF SUPPLY

Antenna is already provided with M8 galvanized steel screws, nuts and washer for the installation



Mounting Flange (mm)

