



VHF Omnidirectional Antenna, 1 Input, 2 dBi Gain

108 ÷ 156 MHz

T01110419

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

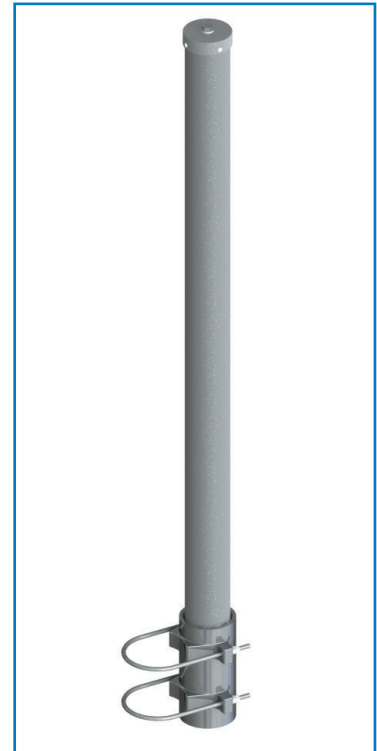
Frequency band (MHz)	108 ÷ 156
Impedance (Ω)	50
VSWR	
118 ÷ 137	$\leq 1.5:1$
108 ÷ 156	$\leq 2.0:1$
Polarization	linear vertical
Gain (dBi)	2
HPBW ($^\circ$) - H-plane	omni ± 1 dB
HPBW ($^\circ$) - E-plane	75 ± 5
Continuous Max Power (W)	< 200
Lightning Protection	DC grounded

Mechanical Specifications

RF Connectors	1 x Nf
Dimensions (mm)	
Length	1400
Radome diameter	$\varnothing 80$
Weight (kg)	< 2.5
Wind load (N) @ 200 km/h	97
Radome material	Fiberglass
Mounting	by clamps on pole
Operating Temp. Range ($^\circ\text{C}$)	-40 ÷ +70
Storage Temp. Range ($^\circ\text{C}$)	-50 ÷ +90

Environmental Specifications

Waterproof	IP 67
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MOUNTING (mm)

