



VHF OMNIDIRECTIONAL ANTENNA

108 ÷ 156 MHz, Single Polarization
2 dBi, 3 Inputs, Hard Environmental Sites

T01130409

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POLOMARCONI offers a very wide range of wireless products.
Our products can be tailored according to the customer's need.

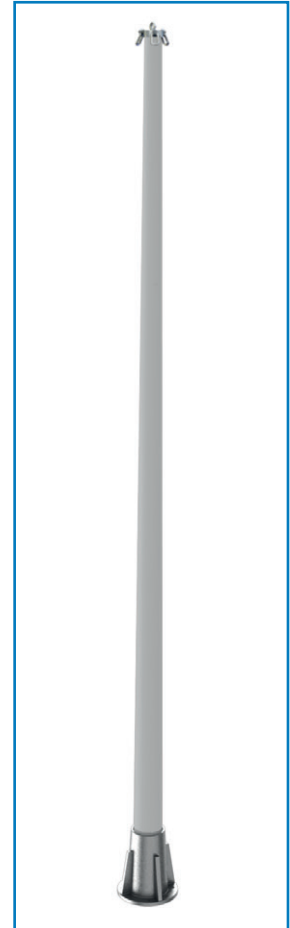
ATC

Electrical Specifications

Frequency Band (MHz)	108 ÷ 156
Impedance (Ω)	50
VSWR	$\leq 2:1$
Continuous Max. Power (W)	500
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

Special Features

Antenna is designed for support guy line ropes.



Mechanical Specifications

Connectors	3 x Nf
Dimensions (mm)	
Length	6140
Radome diameter	$\varnothing 118 \div 210$
Weight (kg)	83
Wind load @ 150 km/h (N)	1220
Colour	RAL 7035 (grey)
Radome material	Fiberglass
Mounting	flange $\varnothing 434$ mm
Operating Temp. Range ($^\circ\text{C}$)	$-40 \div +70$
Storage Temp. Range ($^\circ\text{C}$)	$-50 \div +80$

MOUNTING FLANGE (mm)

