



VHF OMNIDIRECTIONAL ANTENNA

118 ÷ 137 MHz, 2 Inputs

E01120403

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

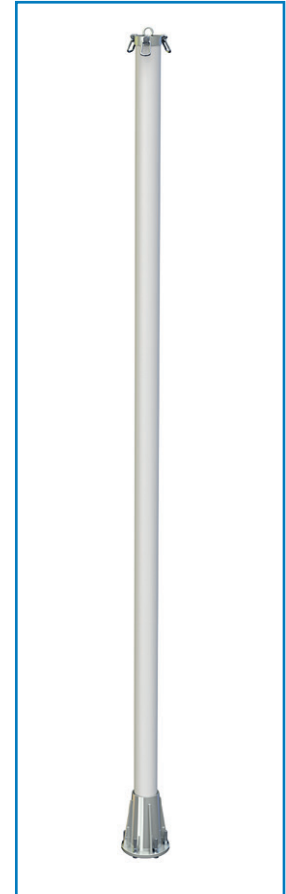
ATC

Electrical Specifications

Frequency band (MHz)	118 ÷ 137
Impedance (Ω)	50
VSWR	$\leq 2.0:1$
Continuous Max. Power (W)	500
Polarization	linear vertical
Gain (dBi)	≥ 1
HPBW ($^\circ$) - H-plane	omni ± 1 dB
HPBW ($^\circ$) - E-plane	80 ± 5
Isolation (dB) between inputs	≥ 30
Lightning Protection	DC grounded

Special Features

Antenna is designed for support guy line ropes.



Mechanical Specifications

Connectors	2 x Nf
Dimensions (mm)	
Length	4500
Radome diameter	$\varnothing 127$
Weight (kg)	31
Wind load @ 200 km/h (N)	1000
Wind survival (km/h)	240
Colour	RAL 7035
Radome material	Fiberglass
Mounting	flange $\varnothing 265$ mm
Operating Temp. Range ($^\circ\text{C}$)	$-40 \div +70$

MOUNTING FLANGE (mm)

