



POLOMARCONI.IT

SHIPBORNE VHF OMNIDIRECTIONAL ANTENNA

137 ÷ 174 MHz, Single Input, 2 dBi

T01110427

LAND
AND NAVAL

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

Electrical Specifications

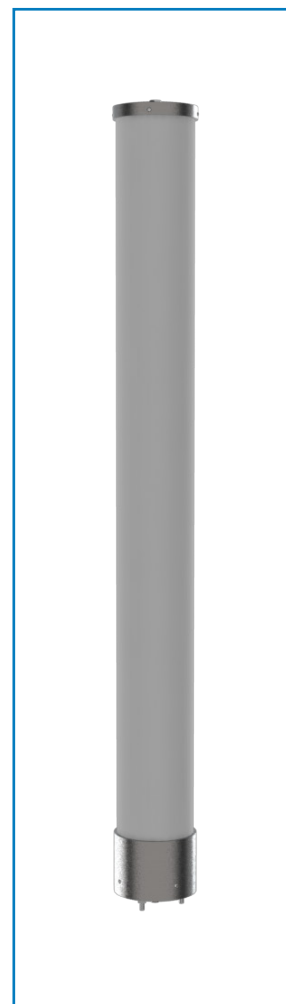
Frequency band (MHz)	137 ÷ 174
Impedance (Ω)	50
VSWR	$\leq 2.0:1$
Polarization	linear vertical
Gain (dBi)	2
HPBW ($^\circ$) - H-plane	omni ± 0.5
HPBW ($^\circ$) - E-plane	80 ± 5
Continuous Max. Power (W)	250
Lightning Protection	DC grounded

Mechanical Specifications

RF Connector	Nf
Dimensions (mm)	Length 1295 Radome diameter $\varnothing 127$
Weight (kg)	7
Wind Load (N) @ 160 km/h	208
Max wind velocity (km/h)	200
Colour	LIGHT GREY FED-STD 595B N 26373
Material	Radome UV resistant fiberglass Rad. elements Aluminium anticorodal Base flange Weatherproof aluminium Screws and nuts Stainless steel
Mounting	3 x M8 screws

Environmental Specifications

Humidity	MIL-STD-810G Method 507.6
Vibration	MIL-STD-810G Method 528.1 Type I
Salt spray	MIL-STD-810G Method 509.6
Temperature Range	MIL-STD-810G Method 501.6 & 502.6
Operating Temp. Range ($^\circ\text{C}$)	$-40 \div +70$
Storage Temp. Range ($^\circ\text{C}$)	$-50 \div +90$



Mounting Flange (mm)

