



UHF OMNIDIRECTIONAL ANTENNA

225 ÷ 400 MHz, Single Polarization
3 dBi, 2 Inputs, Hard Environmental Sites

T01140605

POLOMARCONI.IT

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

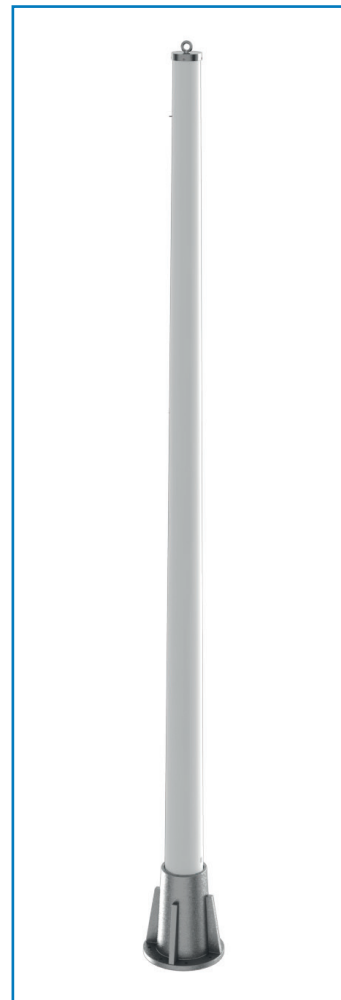
ATC

Electrical Specifications

Frequency band (MHz)	225 ÷ 400
Impedance (Ω)	50
VSWR	$\leq 2:1$
Continuous Max. Power (W)	200
Polarization	linear vertical
Gain (dBi) typ.	3
HPBW ($^\circ$) - H-plane	omni ± 1 dB
HPBW ($^\circ$) - E-plane	35 ± 4
Isolation (dB) between inputs	≥ 30
Lightning Protection	DC grounded

Mechanical Specifications

Connectors	2 x Nf
Dimensions (mm)	
Length	4820
Radome diameter	$\varnothing 130 \div 202$
Weight (kg)	< 80
Wind load @ 150 km/h (N)	1190
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)

