



# UHF OMNIDIRECTIONAL ANTENNA

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

T01160604

POLOMARCONI.IT

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

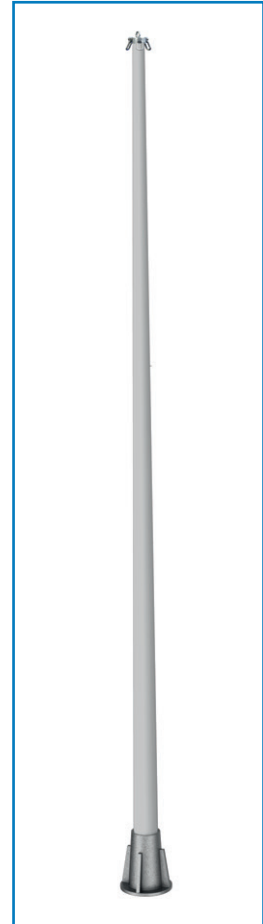
ATC

## Electrical Specifications

Frequency band (MHz)	225 ÷ 400
Impedance ( $\Omega$ )	50
VSWR	$\leq 2:1$
Continuous Max. Power (W)	200
Polarization	linear vertical
Gain (dBi) typ.	4.5
HPBW ( $^\circ$ ) - H-plane	omni $\pm 1$ dB
HPBW ( $^\circ$ ) - E-plane	$35 \pm 2$
Isolation (dB) between inputs	$\geq 30$
Lightning Protection	DC grounded

## Special Features

Antenna is designed for support guy line ropes.



## Mechanical Specifications

Connectors	3 x Nf
Dimensions (mm)	
Length	7130
Radome diameter	$\varnothing 85 \div 202$
Weight (kg)	95
Wind load @ 150 km/h (N)	1340
Colour	RAL 7035 (grey)
Radome material	Fiberglass
Mounting	flange $\varnothing 434$ mm
Operating Temp. Range ( $^\circ\text{C}$ )	$-40 \div +70$
Storage Temp. Range ( $^\circ\text{C}$ )	$-50 \div +70$

## MOUNTING FLANGE (mm)

