



UHF OMNIDIRECTIONAL ANTENNA

225 ÷ 400 MHz, Single Polarization, 7.5 dBi

T01140609

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)	250
PEP AM 95% (W)	750
Polarization	linear vertical
Gain (dBi) typ.	7.5
HPBW ($^\circ$) - E-plane	16 ± 3
HPBW ($^\circ$) - H-plane	omni ± 1 dB
Lightning Protection	DC grounded

Mechanical Specifications

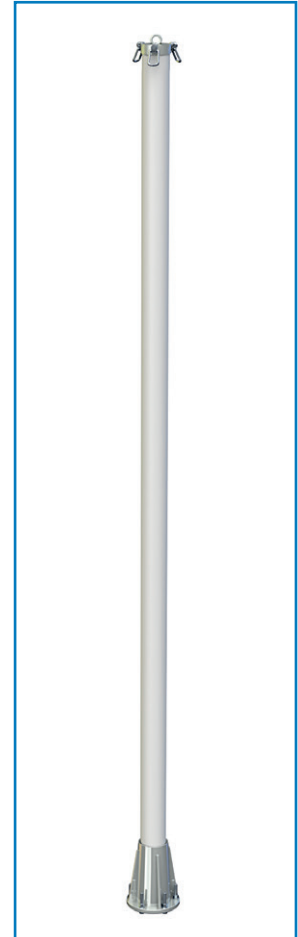
Connector	Nf
Dimensions (mm)	
Length	4070
Radome diameter	$\varnothing 127$
Weight (kg)	32
Wind load @ 150 km/h (N)	455
Max wind velocity (km/h)	200
Color	RAL 7035 (grey)
Radome	Fiberglass
Mounting	flange $\varnothing 265$ mm
Operating Temp. Range ($^\circ\text{C}$)	$-40 \div +70$
Storage Temp. Range ($^\circ\text{C}$)	$-50 \div +80$

DESCRIPTION:

Collinear antenna with four elements isolated or coupled in a common fiberglass radome. Suitable for multichannel base stations.

SPECIAL FEATURES:

- Broadband: 225÷400 MHz
- Nr. inputs: 1
- Omnidirectional radiation
- High power: 200 W
- Protected against lightning
- Very rugged construction
- Designed for support guy line ropes



MOUNTING FLANGE (mm)

