



UHF/VHF/UHF OMNIDIRECTIONAL ANTENNA

108 ÷ 156 MHz / 225 ÷ 400 MHz
Single Polarization, 2 dBi, 3 Inputs

T01131601

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)	VHF	108 ÷ 156
	UHF	225 ÷ 400
Impedance (Ω)		50
VSWR		$\leq 2:1$
Continuous Max. Power (W)		200
Polarization		linear vertical
Gain (dBi)		2
HPBW ($^\circ$) - H-plane		omni ± 1 dB
HPBW ($^\circ$) - E-plane		80 ± 5
Isolation (dB) between inputs		≥ 27
Lightning Protection		DC grounded

Mechanical Specifications

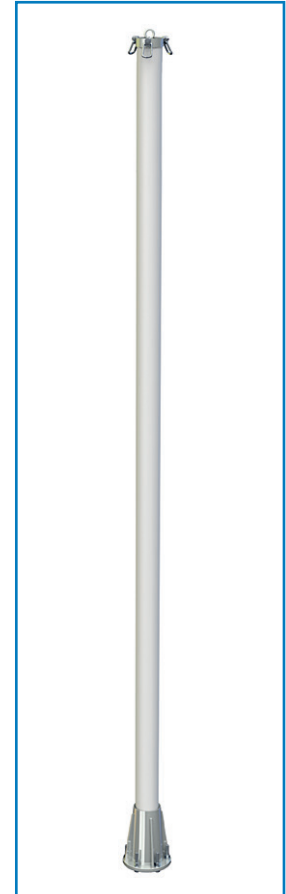
Connectors		3 x Nf
Dimensions (mm)	Length	4317
	Radome diameter	$\varnothing 127$
Weight (kg)		29
Wind load @ 150 km/h (N)		656
Colour		RAL 7035 (grey)
Radome material		Fiberglass
Mounting		flange $\varnothing 265$ mm
Operating Temp. Range ($^\circ\text{C}$)		$-40 \div +70$
Storage Temp. Range ($^\circ\text{C}$)		$-50 \div +80$

DESCRIPTION:

Collinear antenna with three isolated elements in a common fiberglass radome. Suitable to be installed in standard sites. Dual band antenna operating in both VHF and UHF frequency ranges.

SPECIAL FEATURES:

- Dual band: 108÷156 MHz / 225÷400 MHz
- Nr. input: 3 (1 VHF, 2 UHF)
- Omnidirectional radiation
- High power: 200 W
- Protected against lightning
- Very rugged construction
- Designed for support guy line ropes



MOUNTING FLANGE (mm)

