



# VHF/UHF OMNIDIRECTIONAL ANTENNA

118 ÷ 137 MHz / 225 ÷ 400 MHz, 2 Inputs

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ATC

## Electrical Specifications

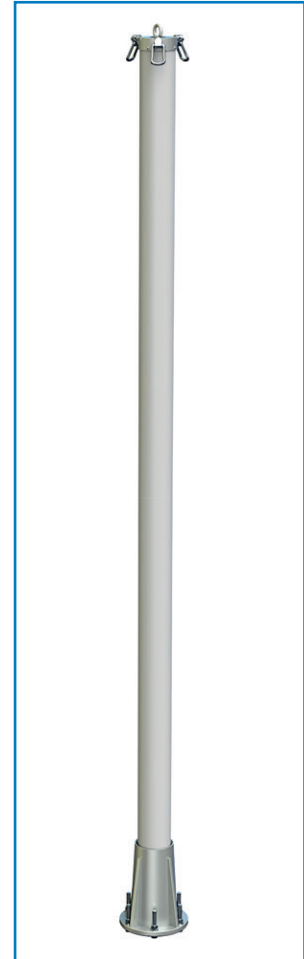
Frequency band (MHz)	VHF	118 ÷ 137
	UHF	225 ÷ 400
Impedance ( $\Omega$ )		50
VSWR		$\leq 2:1$
Continuous Max. Power (W)		500
Polarization		linear vertical
Gain (dBi)		$\geq 1$
HPBW ( $^\circ$ ) - H-plane		omni $\pm 1$ dB
HPBW ( $^\circ$ ) - E-plane		$80 \pm 5$
Isolation (dB) between inputs		$\geq 30$
Lightning Protection		DC grounded

## DESCRIPTION:

Collinear antenna with two isolated elements inside the radome to connect one VHF and one UHF radio. Suitable to be installed in standard sites.

## SPECIAL FEATURES:

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



## Mechanical Specifications

Connector		2 Nf
Dimensions (mm)	Length	3219
	Radome diameter	$\varnothing 127$
Weight (kg)		26
Wind load @ 200 km/h (N)		700
Wind survival (km/h)		240
Colour		RAL 7035 (grey)
Radome material		Fiberglass
Mounting		flange $\varnothing 265$ mm
Operating Temp. Range ( $^\circ\text{C}$ )		-40 ÷ +70

## MOUNTING FLANGE (mm)

