



# VHF OMNIDIRECTIONAL ANTENNA

108 ÷ 156 MHz, Single Input, 2 dBi, Obstruction Light

T01110426

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

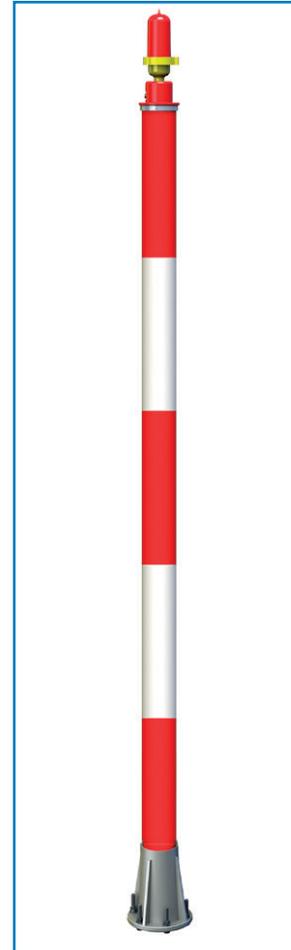
ATC

## Electrical Specifications

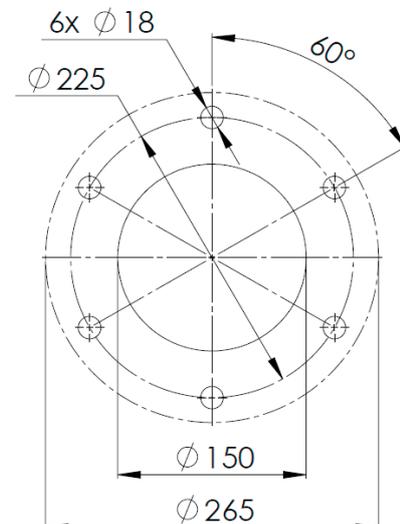
Frequency band (MHz)	108 ÷ 156
Impedance ( $\Omega$ )	50
VSWR	$\leq 2.0:1$
Continuous Max. Power (W)	500
Polarization	linear vertical
Gain (dBi)	2
HPBW ( $^\circ$ ) - H-plane	omni $\pm 0.5$ dB
HPBW ( $^\circ$ ) - E-plane	$80 \pm 5$ dB
Max. operation altitude (m)	$\leq 2500$
Lightning Protection	DC grounded

## Mechanical Specifications

Connector	Nf
Power Connector	3+PE male
Dimensions (mm)	
Length	2210
Diameter	$\varnothing 127$
Weight (kg)	10.5
Wind Load (N) @ 150 km/h	195
Colour	RAL 2002 (Red) / RAL 9010 (White)
Radome material	Fiberglass
Mounting	flange $\varnothing 265$ mm
Operating Temp. Range ( $^\circ\text{C}$ )	$-40 \div +70$



## MOUNTING FLANGE (mm)



Made in Italy. We reserve the right to modify these data without any notice.