



# VHF/UHF OMNIDIRECTIONAL ANTENNA SYSTEM

108÷174/225÷400 MHz, Single Polarization, 4 dBi, Tower Mounting

T02283002

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

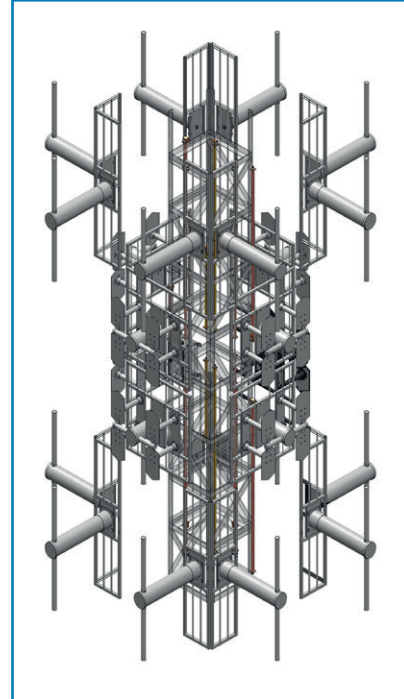
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## Electrical Specifications

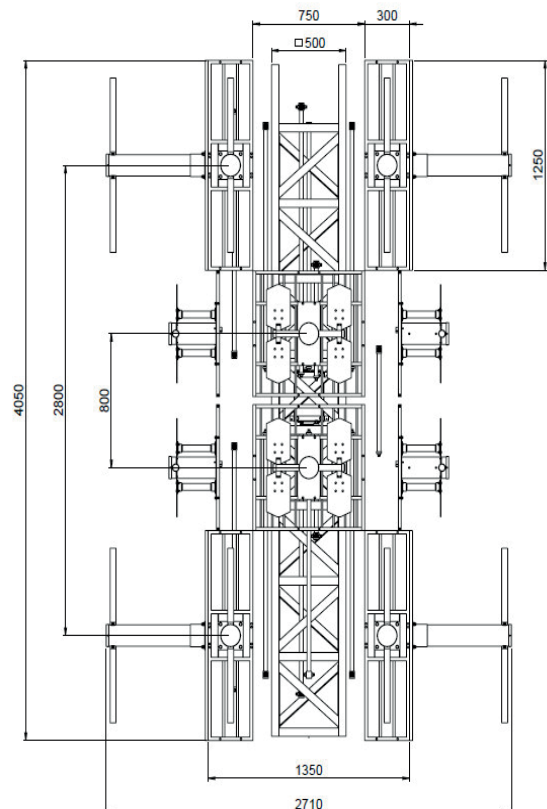
Frequency Band (MHz)	108 ÷ 174 225 ÷ 400
Impedance ( $\Omega$ )	50
VSWR	$\leq 2:1$
Continuous Max. Power (W)	100
Polarization	linear: vertical
Min. gain (dBi)	2.5
HPBW ( $^\circ$ ) - E-plane	$30 \pm 3$
HPBW ( $^\circ$ ) - H-plane	omni $\pm 2.5$
Lightning Protection	DC grounded

## Mechanical Specifications

Connector	Nf
Dimensions (mm)	2700 × 2700 × 4000
Weight (kg)	~ 600
Wind Load (N) @ 150 km/h	3430
Colour	RAL 7035 (light grey)
Materials	Reflector hot dip galvanized still Dipoles stainless still Radome Fiberglass
Mounting	by brackets on pole $\varnothing 40 \div 120$ mm
Operating Temp. Range ( $^\circ\text{C}$ )	$-40 \div +70$



## Dimensions (mm)



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