



VHF OMNIDIRECTIONAL ANTENNA SYSTEM

108 ÷ 174 MHz, Single Polarization, 2 dBi, Tower Mounting

T02340402

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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

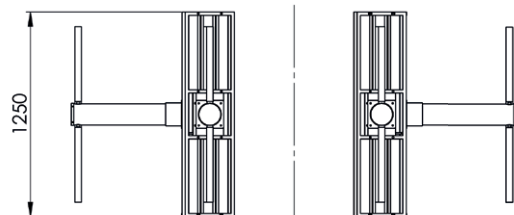
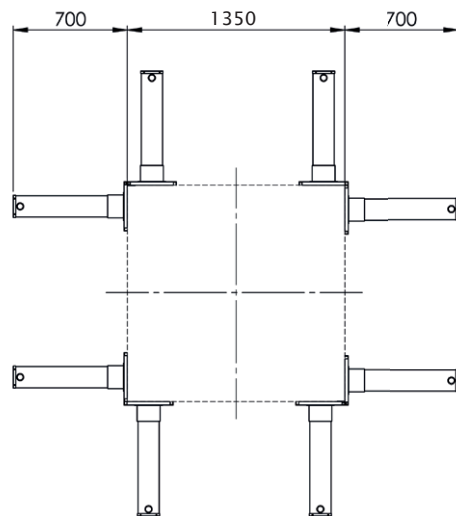
Frequency band (MHz)	108 ÷ 174	
Impedance (Ω)	50	
Continuous Max. Power (W)	500	
VSWR	108 ÷ 174 MHz	$\leq 2:1$
	117 ÷ 144 MHz	$\leq 1.5:1$
Polarization	linear: vertical	
Gain (dBi)	≥ 0 Min (typ.2)	
HPBW ($^\circ$) - E-plane	60 ± 3	
HPBW ($^\circ$) - H-plane	omni ± 2 dB	
Lightning Protection	DC grounded	



Mechanical Specifications

Connectors	N f	
Dimensions (mm)	2750 x 2750 x 1250	
Weight (kg)	< 185	
Wind Load (N) @ 150 km/h	800	
Material	Hot dip galvanized steel	
Colour	RAL 7035 (light grey)	
Mounting	on tower (on pole available)	
Operating Temp. Range ($^\circ\text{C}$)	$-40 \div +70$	

Mounting Dimensions



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