



EXTERNAL OMNIDIRECTIONAL WIDE BAND HIGH GAIN ANTENNA

790 ÷ 960 MHz / 1710 ÷ 2170 MHz / 2500 ÷ 2700 MHz

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POLOMARCONI.IT

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

M2M

Electrical Specifications

Frequency bands (MHz)	790 ÷ 960 1710 ÷ 2170 2500 ÷ 2700
Impedance (Ω)	50
VSWR	$\leq 3.0:1$
Continuous Max. Power (W)	3.5
Polarization	linear vertical
Maximum gain (dBi) (*)	≥ 3
HPBW ($^\circ$) - H-plane	360
HPBW ($^\circ$) - E-plane (*)	≤ 46
Operating Temp. Range ($^\circ\text{C}$)	-25 ÷ +55
Storage Temp. Range ($^\circ\text{C}$)	-45 ÷ +60

(*) values have been measured with an antenna built-in RF coaxial cable length ≤ 200 mm



Mechanical Specifications

Connector	200mm of 50 Ω low loss RF coaxial cable with SMA m connector (cable length and connectors could be tailored on customer needs)
Dimensions (height x width x depth, mm)	390x202x78
Weight (kg)	≤ 1.0
Colour	white
Material	UV resistant fiberglass
Mounting	on a master tube with $\varnothing 30 \div 40$ mm OR on a wall
IP protection	54

Dimensions (mm)

