



OMNIDIRECTIONAL WIDE BAND ANTENNA

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

T01111810

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	
790 ÷ 960	$\leq 2.5:1$
1710 ÷ 2170	$\leq 2.0:1$
2500 ÷ 2700	$\leq 2.0:1$
Continuous Max. Power (W)	25
Polarization	linear vertical
Maximum gain (dBi) (*)	≥ 1.5
HPBW ($^\circ$) - H-plane	360
HPBW ($^\circ$) - E-plane	≥ 30
Operating Temp. Range ($^\circ\text{C}$)	-25 ÷ +55
Storage Temperature ($^\circ\text{C}$)	-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)	423x202x78
Weight (kg)	1.2
Colour	radome white
Material	radome UV resistant fiberglass
Mounting	on a master tube with $\varnothing 30\div 40$ mm OR on a wall
IP protection	54

Dimensions (mm)

