



2x2 MIMO OMNI ANTENNA RAIL INDOOR

698 ÷ 4500 MHz

T01121816

POLOMARCONI.IT



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

TRANSPORT

Electrical Specifications

Frequency band (MHz)	698 ÷ 960 1350 ÷ 4500
Impedance (Ω)	50
VSWR	698 ÷ 960 ≤ 1.9 1350 ÷ 1710 ≤ 1.9 1710 ÷ 4500 ≤ 1.7
Continuous max. composite power (W)	10
Polarization	linear vertical
HPBW ($^\circ$) - H-plane	omnidirectional
Gain (dBi)	698 ÷ 960 ≥ 2.1 1350 ÷ 4500 ≥ 5
Isolation (dB)	698 ÷ 800 ≥ 12 800 ÷ 960 ≥ 15 1350 ÷ 4500 ≥ 20
Operating Temp. Range ($^\circ\text{C}$)	-40 ÷ +80



Mechanical Specifications

Connectors	2 x N female
Dimensions (Height x Diameter, mm)	67 x 220
Weight (kg)	≤ 1
Colour	RAL 7035 (grey)
Materials	base PCB radome Polycarbonate
Mounting	Ceiling Mount
Ground plane	Integrated

Environmental Specifications

Climatic Test	acc. to EN50155; EN60068-2-1; EN60068-2-2; EN60068-2-30
Mechanical Test	acc. to EN61373:2010 Cat. 1 Class B
Flammability	compliant to EN45545