



EXTERNAL DIRECTIONAL WIDE BAND PANEL ANTENNA

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

T01201806

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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	$\leq 2.0:1$
Continuous Max. RF Power (W)	10
Polarization	linear vertical
Maximum gain (dBi) (*)	≥ 6
HPBW ($^\circ$) - H-plane	790 ÷ 960 MHz 60 ± 5 1710 ÷ 2170 MHz 60 ± 5 2500 ÷ 2700 MHz 50 ± 5
HPBW ($^\circ$) - E-plane	790 ÷ 960 MHz 70 ± 5 1710 ÷ 2170 MHz 50 ± 5 2500 ÷ 2700 MHz 45 ± 5
Operating Temp. Range ($^\circ\text{C}$)	$-25 \div +55$
Storage Temp. Range ($^\circ\text{C}$)	$-45 \div +60$

(*) 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 lenght and connectors could be tailored on customer needs)
Dimensions (height x width x depth, mm)	350 x 250 x 122
Weight (kg)	1.2
Colour radome	grey
Mounting	on a master tube with $\varnothing 30 \div \varnothing 40$ mm OR on a wall
Kit Mounting bracket for mast tube $\varnothing 40 \div \varnothing 60$ (T16040045)	Not Included
IP Protection	54



Dimensions (mm)

