



POLOMARCONI.IT

BROADBAND OMNIDIRECTIONAL ANTENNA 100 ÷ 2000 MHz

single polarization, 2 dBi

T01913005

LAND
AND NAVAL

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

Electrical Specifications

Frequency band (MHz)	100 ÷ 2000
Impedance (Ω)	50
VSWR	$\leq 2:1$
Continuous	100÷400MHz 500
Max. Power (W)	400÷2000MHz 250
Polarization	linear: vertical
Gain (dBi) typical	2
HPBW ($^\circ$) - H-plane	omni ± 2
HPBW ($^\circ$) - E-plane	80 ± 10
Lighning protection	DC grounded
Operating Temp. Range ($^\circ\text{C}$)	-40 ÷ +70
Storage Temp. Range ($^\circ\text{C}$)	-50 ÷ +90

Mechanical Specifications

Connector	Nf
Dimensions (mm)	$\varnothing 318 \times 1018$
Weight (kg)	11 $\pm 10\%$
Wind Load (N) @ 150 km/h (N)	70
Colour	FED STD 595 N° 26307 Bulkhead Machinery Gray #30
Materials	Aluminum Alloy
Mounting	4 x M8 screws (see figure)

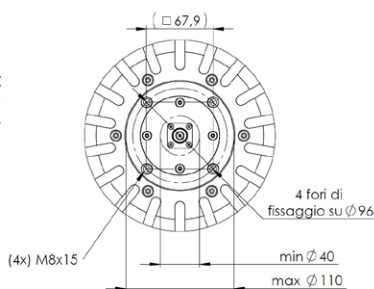
Environmental Specifications

Humidity	MIL-STD-810G method 507.5-1
Vibration	MIL-STD-167-1A Type 1
Shock	MIL-STD-810G method 516.6 Procedure I
Salt spray	MIL-STD-810G method 509.5
Temperature	MIL-STD-810G methods 501.5 & 502.5

SPECIAL FEATURES

- Broadband dipole
- Compact size
- Filled-in vertical radiation pattern
- Sturdy design
- Salt-fog resistant
- Low wind load
- Shipboards and maritime applications
- RCS optimized
- Adapter could be designed to meet existing fixing plate

Mounting



Dimensions (mm)

