



POLOMARCONI.IT

LOW PROFILE GNSS ANTENNA

T01813201
LP-GNSS

TRANSPORT

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

Electrical Specifications

SATELLITE NAVIGATION AND GEOLOCALIZATION BAND

Frequency band (MHz)	1574.42 ÷ 1610
VSWR	≤ 2.0:1
Impedance (Ω)	50
Polarization	Right Hand Circular Polarization (RHCP)
Gain (dBic)	23 ± 2, @V _{DC} = 2.7V 25 ± 2, @V _{DC} = 5V
Noise Figure (dB)	1.8 ÷ 2.2
Operating supply voltage (V _{DC})	3 ÷ 5
Current consumption (mA)	10 ± 2, @V _{DC} = 2.7V 20 ± 2, @V _{DC} = 5V
Satellite navigation and geolocalization supported systems	GPS, GALILEO, GLONASS



Mechanical Specifications

Connector	5m RG174 with SMA/m connector
Dimensions (Height from installation surface x Base diameter, mm)	22 x ø73
Weight (g)	140 ± 10
Materials	Base: ZAMAC Radome: POLYAMIDE (PA6)
Mounting	SQUARE hole 15.4x15.4mm ROUND hole ø16mm (+0/-0.5)
Operating Temperature (°C)	-30 ÷ +80

Environmental Specifications

RoHS 2011/65/EU compliant

EMC according to EN 301489-1, EN 301489-19, EN 303413

IP rating: IP65