



# UHF AND GPS VEHICULAR ANTENNA

370 ÷ 480 MHz and 1575.42 ± 3 MHz

17100080

GT FLEX UG

POLOMARCONI.IT



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

PMR

## Electrical Specifications

### UHF

Type	5/8λ monopole
Frequency range (MHz)	370 ÷ 480
Input impedance (Ω)	50
Continuous Max. Power (W)	30
Polarization	vertical
Gain (dBd)	2 dB

### PATCH GPS

Frequency range (MHz)	1575,42 MHz ± 3
VSWR	< 2:1
Polarization	Right Hand Circular
Gain	1 dBi min. (70x70 mm ground plane)

### LNA GPS

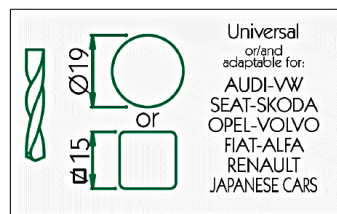
Gain (dB)	29 typ. (5 Vdc power supply)
Noise Figure (dB)	2 max. (5 Vdc power supply)
Attenuation (dB)	28 min. (@ 1575,42 ± 100 MHz)
VSWR	< 2:1
Consumption current	30 mA max.
Output impedance (Ω)	50
Operating voltage (Vdc)	3÷5
Operation Temp. Range (°C)	-40° + +70°

## Mechanical Specifications

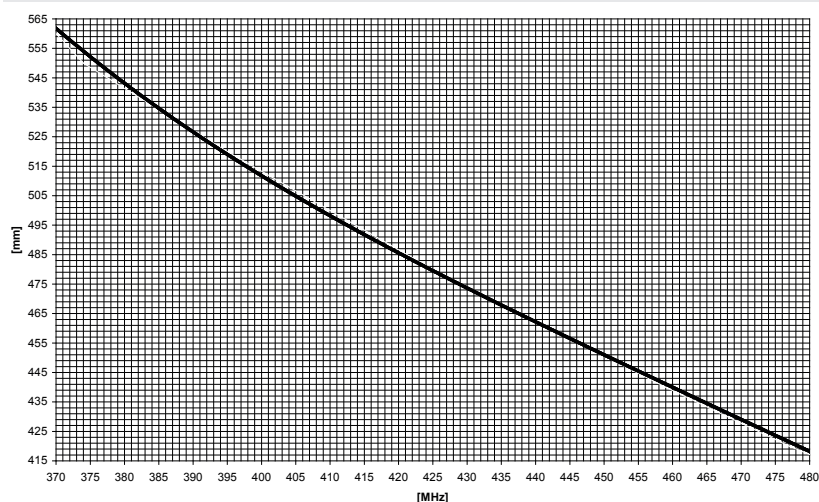
Type of connections (RG 174 cable)	on request
Connector for UHF and GPS	on request
Length	on request
Whip length (mm)	abt. 560 max
Total weight (kg)	abt. 0,3
Whip material	stainless steel
Mounting	see perforation mask



## Perforation Mask



## Cutting Diagram



BY



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