



UHF AND GPS VEHICULAR ANTENNA

370 ÷ 480 MHz and 1575.42 ± 3 MHz

17100087

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

PMR

Electrical Specifications

UHF

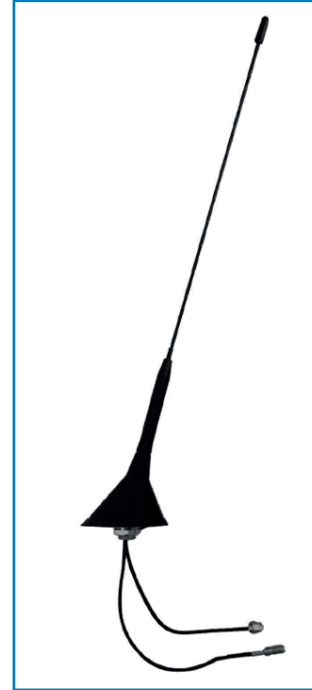
Type	5/8λ monopole
Frequency band (MHz)	370 ÷ 480
Input impedance (Ω)	50
Continuous Max. Power (W)	30
Polarization	vertical
Gain (dBd)	2 dB

PATCH GPS

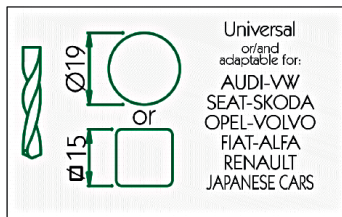
Frequency band (MHz)	1575,42 MHz ± 3
VSWR	< 2:1
Polarization	Right Hand Circular
Gain	1 dBi min. (70x70 mm ground plane)

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
Operating Temp. Range (°C)	-40 ÷ +70



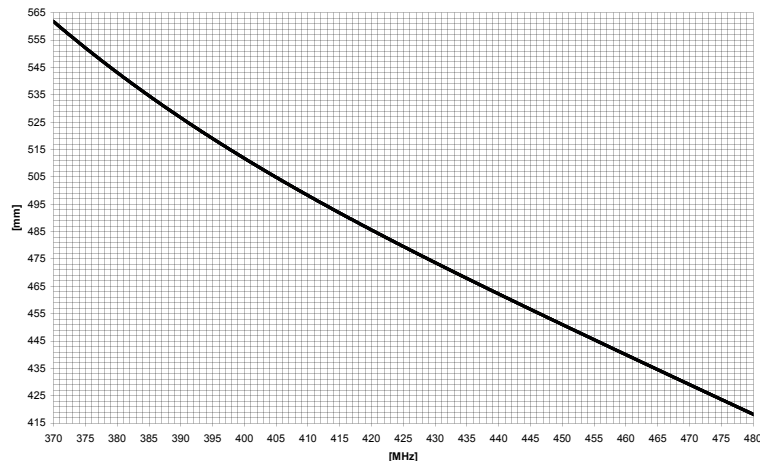
Perforation Mask



Mechanical Specifications

Type of connections	Lenght GPS Lenght UHF Connector for GPS SMA/M Connector for VHF SMA/M	4m of RG 174 0.3m of RG 174 crimped crimped
Max length of the whip (mm) from vehicular roof		560
Total weight (kg)		abt. 0.3
Whip material		stainless steel
Mounting hole (mm)		see perforation mask

Cutting Diagram



Made in Italy. We reserve the right to modify these data without any notice.