



VHF AND GPS VEHICULAR ANTENNA

130 ÷ 175 MHz and 1575.42 +/- 3MHz, with 5m cable

17100065
GT FLEX VG

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

Type 1/4 λ

VHF

Frequency band (MHz) 130 ÷ 175 tunable

Input impedance (Ω) 50

VSWR 160 ÷ 174 MHz ≤ 1.5
148 ÷ 174 MHz ≤ 1.8

Continuous Max. Power (W) 30

Polarization vertical

Gain (dBi) 4

Operating Temp. Range (°C) -40 ÷ +70

GPS

Antenna

Frequency band GPS (MHz) 1575.42 ± 3

VSWR ≤ 2.0:1

Polarization RHCP

Gain (dBi) 1 min (70x70mm ground plane)

LNA

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 ≤ 2.0:1

Consumption current (mA) 30 max

Output impedance (Ω) 5

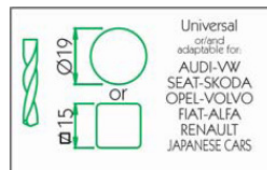
Operating voltage (Vdc) 3 ÷ 5

DESCRIPTION

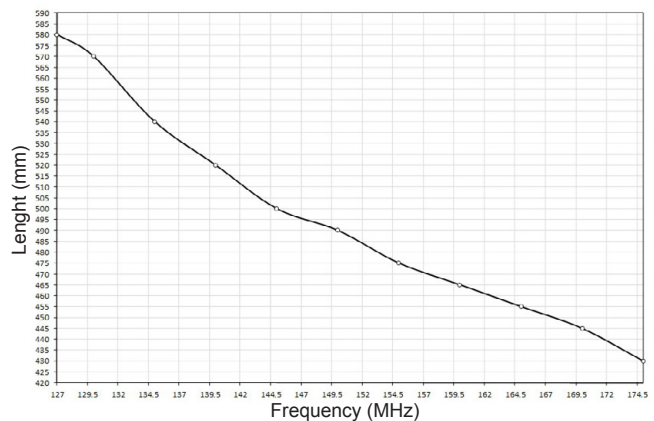
Vehicular VHF whip antenna and GPS bands with base. Stainless steel whip tunable by cutting (see cutting diagram).



PERFORATION MASK



Cutting Diagram 130/175 MHz



The antenna works on following sub-band:

136 ÷ 148 MHz

146 ÷ 160 MHz

160 ÷ 174 MHz

Mechanical Specifications

Type of connections (RG 174 cable)
Length VHF/GPS 5m of RG 174
Connector for VHF/GPS on request

Max length of the whip (mm) from vehicular roof 470

Total weight (kg) abt. 0.3

Whip material stainless steel

Mounting hole (mm) see relevant perforation mask below

BY



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