



# VHF AND GPS VEHICULAR ANTENNA

130 ÷ 175 MHz and 1575.42 ± 3 MHz

17100060  
GT FLEX VG

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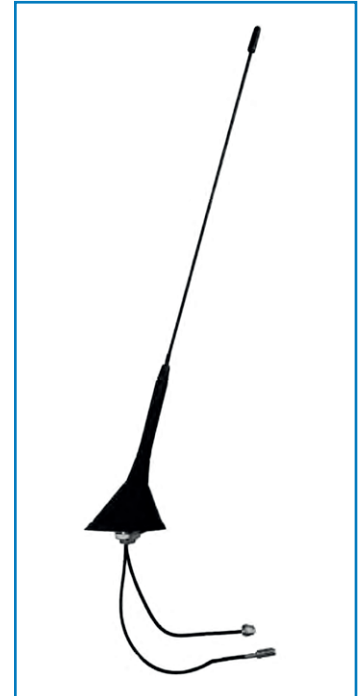
PMR

## Electrical Specifications

Type	1/4 λ
<b>VHF</b>	
Frequency band (MHz)	130 ÷ 175 tunable
Input impedance (Ω)	50
VSWR	≤ 2.0:1
Continuous Max. Power (W)	30
Polarization	vertical
Bandwidth (MHz)	20
Gain (dBi)	4
Operation Temp. Range (°C)	-40° ÷ +70°
<b>GPS</b>	
<b>Antenna</b>	
Frequency band GPS (MHz)	1575.42 ± 3
VSWR	≤ 2.0:1
Polarization	RHCP
Gain (dBi)	1 min (70x70mm ground plane)
<b>LNA</b>	
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

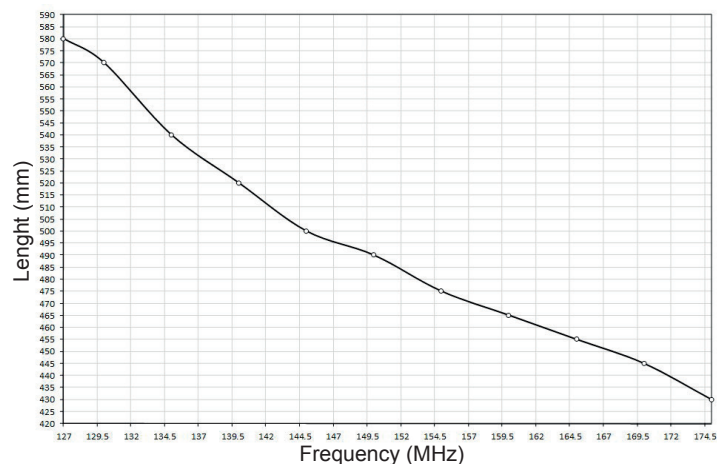
Vehicular VHF whip antenna and GPS bands with base. Stainless steel whip tunable by cutting (see cutting diagram).



## Mechanical Specifications

Type of connections (RG 174 cable)	Connector for VHF and GPS Length	on request 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	

## Cutting Diagram 130/175 MHz



BY



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