



VEHICULAR TUNABLE VHF WHIP AND GPS BAND

140 ÷ 175 MHz and 1575.42 ± 3 MHz

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

GT FLEX VG

PMR

Electrical Specifications

Type	1/4 λ
Frequency Band VHF (MHz)	140 ÷ 175
Impedance (Ω)	50
VSWR at resonant frequency	≤ 2
Polarization	vertical
Gain (dBd) over 1/4 λ monopole	0
Max RF Power (W)	30

GPS Specifications

Type	Patch
Frequency Band GPS (MHz)	1575.42 ± 3
VSWR at resonant frequency	≤ 2
Polarization	RHCP
Gain (dBi)	1 min (70x70 ground plane)
Continuous Max Power (W)	30

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
Consumption current (mA)	30 max
Output impedance (Ω)	5
Operating voltage (Vdc)	3 ÷ 5

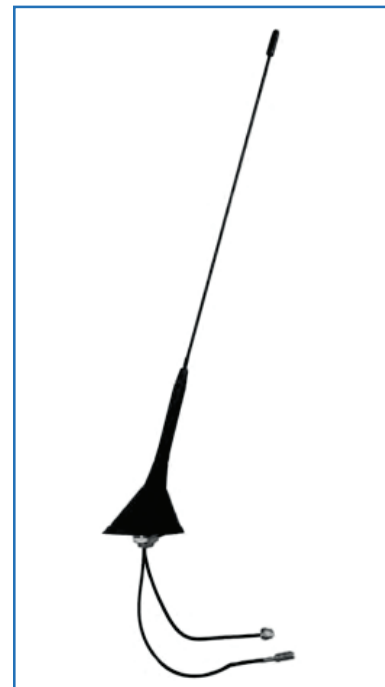
Mechanical Specifications

Type of connections (RG 174 cable)	SMA Female for VHF SMA Male for GPS Length at request
Length of the whip (mm)	470
whip material	stainless steel
Mounting hole (mm)	Ø 19 or 15
Temperature range (°C)	-40 ÷ + 70
Total weight (kg)	abt. 0.3

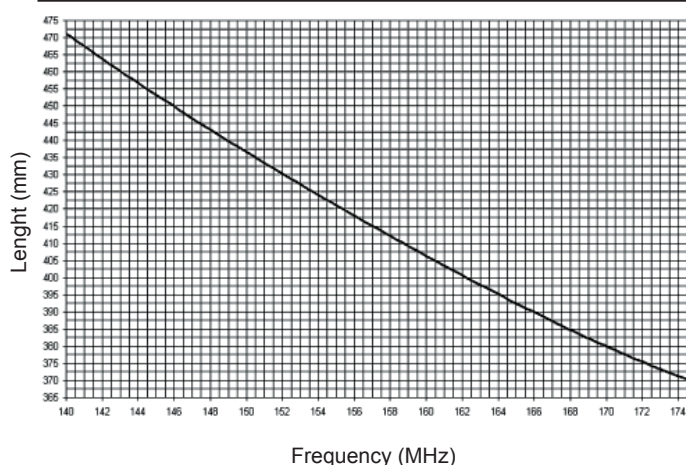
DESCRIPTION:

Vehicular VHF whip antenna and GPS bands with base.

Stainless steel whip tunable by cutting (see cutting diagram).



Cutting Diagram



By



We reserve the right to modify these data without any notice