

# Vehicle antenna 2.6 m with GPS antenna

PN (RN): **2036.100.45**

The antenna is designed for fixed installation on all types of wheeled and tracked vehicles. It has omnidirectional radiation pattern with vertical polarization. The antenna has a built-in GPS active receiving antenna. The antenna is primarily intended for RF2350 EPM mobile transceiver which has built-in GPS receiver. The antenna can be used with all RF13 mobile transceiver sets and RF2050 transceivers in (30–108) MHz band, i.e. the VHF I band. The antenna consists of a base and a two-element radiator.

## Technical parameters

<b>Frequency range</b>	30 MHz to 88 MHz
<b>VSWR</b>	max. 3.5
<b>Nominal impedance</b>	50 $\Omega$
<b>Power rating</b>	100 W CW
<b>Gain</b>	-4 dBi to +1 dBi
<b>Antenna height</b>	2.6 m
<b>Maximum weight</b>	2.7 kg
<b>Connector</b>	
<b>VHF</b>	BNC
<b>GPS</b>	SMA (female)
<b>Length of disassembled radiator</b>	1.27 m
<b>Antenna base height</b>	272 mm
<b>Operating temperature</b>	-55 °C to +55 °C
<b>Surface finish</b>	polyurethane lacquer
<b>Color</b>	olive
<b>GPS ANTENNA SPECIFICATIONS</b>	
<b>Frequency range</b>	L1, 1575.42 $\pm$ 10 MHz
<b>Preamplifier gain</b>	26.5 dB
<b>Noise figure</b>	2.5 dB
<b>Supply voltage</b>	5 $\pm$ 0.5 V

**Supply current**

< 40 mA

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