

Vehicle antenna 2.6 m with GPS antenna



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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

Frequency range	30 MHz to 88 MHz
VSWR	max. 3.5
Nominal impedance	50 Ω
Power rating	100 W CW
Gain	-4 dBi to +1 dBi
Antenna height	2.6 m

Maximum weight	2.7 kg
Connector	
VHF	BNC
GPS	SMA (female)
Length of disassembled radiator	1.27 m
Antenna base height	272 mm
Operating temperature	-55 °C to +55 °C
Surface finish	polyurethane lacquer
Color	olive

GPS ANTENNA SPECIFICATIONS

Frequency range	L1, 1575.42 ± 10 MHz
Preamplifier gain	26.5 dB
Noise figure	2.5 dB
Supply voltage	5 ± 0.5 V
Supply current	< 40 mA