

# Vehicle antenna VHF/UHF 2.7 m

PN (RN): **2036.100.86**

The antenna is designed for fixed installation on all types of wheeled and tracked vehicles. It has omnidirectional radiation pattern with vertical polarization. The wideband antenna can be used with all types of transceivers operating in VHF/UHF band, i.e. RF13, RF2050. We recommend using the antenna for installations with anticipated operation in the entire operation band and whenever several narrow-band antennas cannot be used. The antenna consists of a base and a two-element radiator. The antenna radiator includes a pull-down string which serves to tilt the antenna. Inside, the antenna is designed as a centrally fed dipole combined with a whip antenna, providing wideband operability. The radiation features and mechanical design make it possible to use the antenna as a direct replacement for previous antenna types 2036.100.69.

## Technical parameters

<b>Frequency range</b>	30 MHz to 512 MHz
<b>VSWR</b>	max. 6, typ. 3.5
<b>Nominal impedance</b>	50 $\Omega$
<b>Power load</b>	max. 50 W
<b>Gain</b>	-18 dBi to +3 dBi, typ. -3 dBi
<b>Antenna height</b>	2.7 m
<b>Maximum weight</b>	3.75 kg
<b>Connector</b>	BNC (female)
<b>Radiator length</b>	1.13/1.45 m
<b>Antenna base height</b>	245 mm (including the cap)
<b>Operating temperature</b>	-55 °C to +71 °C
<b>Surface finish</b>	polyurethane lacquer
<b>Color</b>	olive
<b>Installation method</b>	
<b>Standard NATO</b>	3 or 6 screws M6 on 111 mm circle