# Vehicle antenna VHF 1.6 m

## PN (RN): **2036.100.35**

The antenna is designed for fixed installation on all types of wheeled and tracked vehicles. It has omnidirectional radiation pattern with vertical polarization. Recommended application is with RF2050 mobile transceiver sets for (108–146) MHz band, i.e. the VHF II band. The antenna consists of a base and a radiator. The antenna base is equipped with a rubber cap to protect the antenna radiator thread. Inside, the antenna is designed as a centrally fed dipole, providing stable parameters independent of the counterbalance quality, which may be an issue namely in small vehicle.

## Technical parameters

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|---|---|
| **Frequency range** | 108 MHz to 185 MHz |
| **VSWR** | max. 2.6 |
| **Nominal impedance** | 50 Ω |
| **Power load** | max. 50 W |
| **Gain** | 0 dBi to 2 dBi |
| **Antenna height** | 1.64 m |
| **Maximum weight** | 3.6 kg |
| **Connector** | BNC (female) |
| **Radiator length** | 1.44 m |
| **Antenna base height** | 225 mm (including the cap) |
| **Operating temperature** | -55 °C to +71 °C |
| **Surface finish** | polyurethane lacquer |
| **Color** | olive |
| **Standard NATO** | 3 or 6 screws M6 on 111 mm circle |

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