Vehicle antenna VHF 1.6 m

PN (RN): **2036.100.85**

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

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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