

# Vehicle antenna 2.4 GHz

## 0.8 m

PN (RN): **2036.100.31**

The antenna is designed for fixed installation on all types of wheeled and tracked vehicles. It has omnidirectional radiation pattern, vertical polarization and high radiation effectiveness. Design – phased  $\lambda/2$  elements in co-linear array. The radiator is fully encapsulated in glass fiber epoxide laminate. Metal parts are made of copper and stainless steel. The antenna is recommended for PR20V vehicular radio sets. The antenna may also be used with the VICM120 wireless interface unit connected to the VICM200/100 communication system. The antenna consists of the antenna base and the antenna radiator. The antenna base is equipped with a rubber cap to protect the antenna radiator thread.

## Technical parameters

<b>Frequency range</b>	2400 MHz to 2480 MHz
<b>VSWR</b>	max. 2
<b>Polarization</b>	vertical
<b>Radiation pattern</b>	omnidirectional
<b>Nominal impedance</b>	50 $\Omega$
<b>Power load</b>	max. 5 W
<b>Gain</b>	typ. 8 dBi
<b>Antenna height</b>	0.8 m
<b>Maximum weight</b>	3.4 kg
<b>Connector</b>	N (female)
<b>Radiator length</b>	0.6 m
<b>Antenna base height</b>	245 mm (including the cap)
<b>Operating temperature</b>	-55 °C to +70 °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