

# 1.88 m VHF vehicle antenna



PN (RN): **2036.100.40**

It is intended for fixed mounting on the metal bodywork of the vehicle. A characteristic feature of the antenna is the very narrow profile of the antenna radiator, which masks the presence of the coupling element on the vehicle. It can be used with all RF13 series mobile transceiver sets and RF2050 transceivers. The antenna radiator is protected by a fiberglass layer; the antenna element enables standard attachment to vehicle body with 6 or 4 bolts.

## Technical parameters

|                          |                   |
|--------------------------|-------------------|
| <b>Frequency range</b>   | 30 MHz to 108 MHz |
| <b>Nominal impedance</b> | 50 $\Omega$       |
| <b>VSWR</b>              | up to 3.5         |
| <b>Power rating</b>      | up to 75 W (CW)   |
| <b>Radiation pattern</b> | omnidirectional   |
| <b>Polarization</b>      | vertical          |

|                               |                      |
|-------------------------------|----------------------|
| <b>Connector type</b>         | BNC (female)         |
| <b>Total weight</b>           | 2 kg                 |
| <b>Total antenna length</b>   | 1.88 m               |
| <b>Antenna element length</b> | 214 mm               |
| <b>Finish</b>                 | epoxy powder coating |
| <b>Color</b>                  | olive                |
| <b>Operating temperature</b>  | -55 °C to +71 °C     |