

## HIRSCHMANN MOBILITY



## GNSS (GPS/GLONASS) Magnetic Antenna

**GNSS 9 M/series**  
Pt no.  
**602-439-...**

- For interior and exterior mounting at vehicles
- For car navigation Systems, Fleet Management Systems, Traffic Guidance Systems and Vehicle Location

Subject to alterations

### Technical data

Dimensions	38 x 34 x 15,5 mm
Weight	70 g
Operational temperature	-40° C – + 85° C
Storage temperature range	-40° C – + 85° C
Protection class	IP6k7 (acc. ISO 20653)
Frequency range	GLONASS: 1602,0 - 1614,94 MHz GPS: 1,57542 GHz ± 1,023 MHz (L1-band)
Impedance	50 Ohm
VSWR	< 1,5
Polarization	RHCP
Gain	typ. 2 dBic* at 90° Elevation
Amplification	typ. 27 dB ± 1 dB
Noise figure	typ. 1.4 dB
Voltage supply	2,7 V - 5,5 VDC remote fed by GLONASS/GPS receiver through signal cable
Current consumption	≤ 13 mA @ 5 V ± 0.5 V
Cable type	RG 174
Cable length	-001: 3000 +50 mm -004: 3000 +50 mm other length on request
Connector	-001: SMA male -004: FAKRA female, Code C other connector types on request

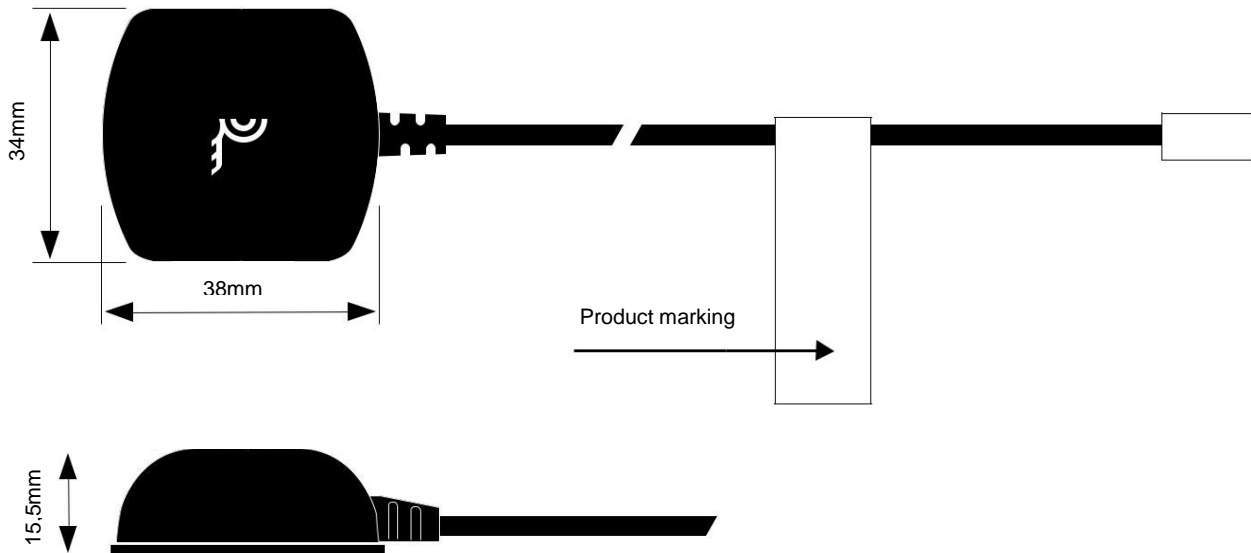
\* dBic: referenced to an isotropic radiator, circular polarization

# GNSS (GPS/GLONASS) MAGNETIC ANTENNA

GNSS 9 M/series Pt no. 602-439-...

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## Technical drawings



## Installation

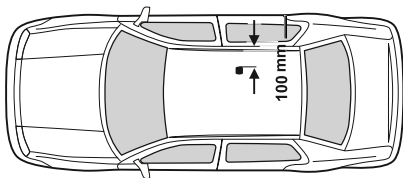


Fig. 1

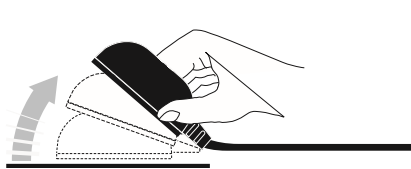


Fig. 2

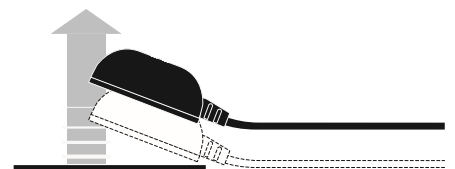


Fig. 3

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