



HIRSCHMANN MOBILITY

GNSS

Magnetic Antenna

GNSS 9 M/Series

Part Number 602-439-XXX

Features

- For interior and exterior mounting at vehicle
- For Car Navigation Systems, Fleet Management Systems, Traffic Guidance Systems and Vehicle Location

Technical Data

Dimensions	38 mm x 34 mm x 15.5 mm
Weight	70 g
Temperature range	Operations: -40°C - +85°C Storage: -40°C - +85°C
Protection class	IP6k7 (acc. ISO 20653)
Cable type	RG 174

Technical Data

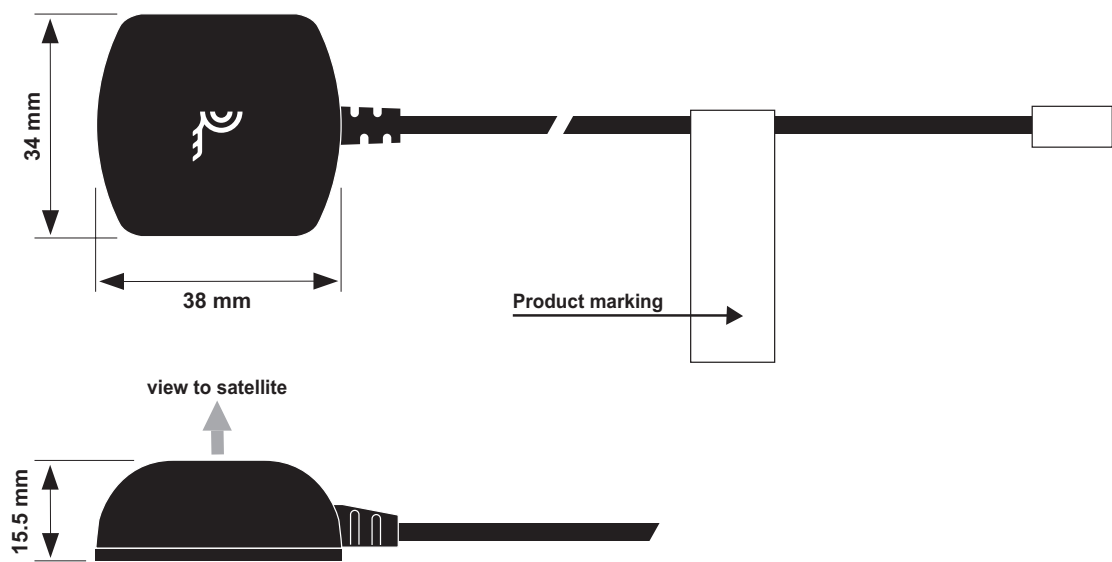
GNSS	
Frequency range	GPS: 1.57542 GHz ± 1.023 MHz (L1-band) GLONASS: 1602.0 - 1614.94 MHz QZSS: 1563 - 1587 MHz (L1)
Impedance	50 Ohm
VSWR	< 1.5
Polarization	RHCP
Gain	typ. 2 dBic* at 90° Elevation
Amplification	typ. 27 dB ± 1 dB
Noise figure	typ. 1.4 dB
Voltage supply	2.7 V - 5.5 VDC remote fed by GLONASS/GPS receiver through signal cable
Current consumption	≤ 13 mA @ 5 V ± 0.5 V

* dBic: referenced to an isotropic radiator, circular polarization

Versions

PN	Description	GNSS	Accessories
602-439-001	GNSS 9 M/SMA/3.0	3000 +50 mm SMAm	-
602-439-004	GNSS 9 M/FAKRAfC/5.0	5000 +50 mm FAKRAf, C blue	Double side sticky pad
602-439-006	GNSS 9 M/SMA/3.0/adhesive	3000 +30 mm SMAm straight	Double side sticky pad

Technical Drawing



Installation

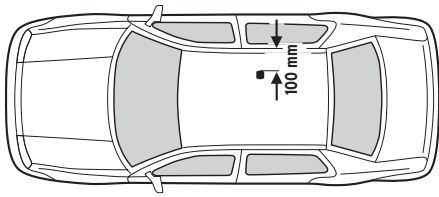


Fig. 1

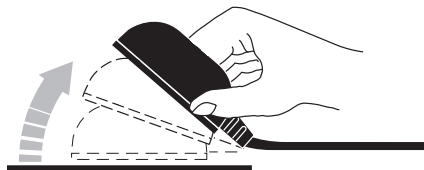


Fig. 2

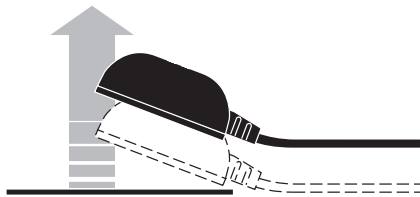


Fig. 3

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