

# Navilock NL-203AA SMA GPS Antenna High Gain 3 m

## Description

This GPS antenna by Navilock can be used with an existing GPS receiver with SMA connection. Improvement of reception will be provided by placing the antenna with free view to the sky. The antenna is waterproof and can temporary also be used outdoor.



3 m

**Item no. 60544**

EAN: 4043619605446

Country of origin: China

Package: Blister

## Specification

- Connector: SMA plug
- Internal patchantenna: 25 x 25 x 4 mm
- Ground plane metal: 40 x 40 mm (PCB)
- Frequency range: 1575.42 MHz +/- 1.02 MHz
- Impedance: 50 Ohm,
- Polarisation: RHCP
- Antenna gain: 5 dBic (7 cm x 7cm ground plane)
- VSWR: 1.5
- LNA:
- Frequency range: 1575.42 MHz +/- 1.02 MHz
- Gain: 37 dB
- Impedance: 50 Ohm,
- Noise figure: 1.5 @ 25 °C +/- 10 °C
- Voltage: 3.0 - 5.0 V
- Current: typ. 25.5 mA @ 5.0 V
- VSWR: 1.5
- Operating temperature: -40 °C ~ 80 °C
- Protection class: IPX6
- Magnetical bottom
- Cable category: coaxial
- Cable type: RG-174
- Cable length incl. connector: ca. 3 m
- Cable attenuation: 1.5 dB @ 1,5 GHz per meter
- SMA plug: brass gold plated
- SMA contact: gold plated
- Dimensions (LxWxH): ca. 50.6 x 50.6 x 15.1 mm

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## System requirements

- GPS device with free SMA connector

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## Package content

- GPS antenna