

# Navilock NL-290BG Multi GNSS BEIDOU GALILEO GPS SMA Antenna 3 m

## Description

You can use this active antenna for your GNSS equipment to receive GPS and BeiDou (COMPASS) signals simultaneously.



3 m

**Item no. 60554**

EAN: 4043619605545

Country of origin: China

Package: Zip poly bag

## Technical details

- External active additional antenna for GNSS receivers
- Connector: SMA plug
- Polarisation: RHCP
- Frequency range:
  - GPS: 1575.42 MHz +/- 3 MHz
  - BeiDou: 1561.098 MHz +/- 5 MHz
- Patch antenna: 3 dBic
- Patchantenne: 25 x 25 x 6 mm
- ~~VSWR~~ Ratio: 3 dB
- LNA
- Gain: 28 dB
- ~~VSWR~~ Impedance: 50 Ohm
- Operating voltage: 3.0 ~ 5.0 V
- Current consumption: 10 ~ 20 mA
- Operating temperature: -40 °C ~ 85 °C
- Protection class: IP65
- Weight: 0.150 kg
- Cable type: RG174
- Cable diameter: ca. 2.5 mm
- Cable colour: black
- Cable length incl. connector: 3 m
- Dimensions (LxWxH): ca. 5.00 x 4.25 x 1.65 cm

- Magnetic housing bottom
- Material: ABS

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## System requirements

- GNSS device with SMA jack

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## Package content

- GNSS antenna

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## Images



## General

Protection class:	IP65
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## Interface

Connector:	1 x SMA plug
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## Technical characteristics

Operating voltage:	3 - 5 V
Frequency range:	BEIDOU: B1, 1561.0980 MHz GPS: L1, 1575.4200 MHz
Gain:	3 dBi
Operating temperature:	-40 °C ~ 85 °C
Polarisation:	RHCP
Current consumption:	45 mA
Update rate:	up to 18 Hz

## Physical characteristics

Housing colour:	black
Housing material:	ABS
Weight:	150 g
Cable length incl. connectors:	3 m
Length:	50.0 mm
Width:	42.5 mm
Height:	16.5 mm

## Manufacturer information

Street	Beeskowdamm 13/15
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City	Berlin
Country	Deutschland

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