

# Navilock NL-60561M Dualfeed Multi GNSS BEIDOU GALILEO GLONASS GPS TNC jack Active Antenna roof mount outdoor

## Description

This precise antenna by Navilock receives signals from BEIDOU, GALILEO, GLONASS and GPS satellites simultaneously on GNSS devices.



**Item no. 60562**

EAN: 4043619605620

Country of origin: China

Package: Box

## Technical details

- Connector: 1 x TNC jack
- Patch antenna GNSS
  - Frequency range:
  - 1559.052 - 1616.000 MHz
  - 1205.094 - 1278.750 MHz
  - GNSS bands:
  - BEIDOU: B1, B1-2
  - GALILEO: E1
  - GLONASS: G1, G2
  - GPS: L1, L2
  - Antenna gain: 3 dBi
  - VSWR: 2
  - Impedance: 50 Ohm
  - Polarisation: RHCP

- LNA GNSS:

Frequency range:

1559.052 - 1616.000 MHz

1205.094 - 1278.750 MHz

GNSS bands:

BEIDOU: B1, B1-2

GALILEO: E1

GLONASS: G1, G2

GPS: L1, L2

Gain: 40 dBi

Noise figure: < 1.5 dB

Passband fluctuation: +/- 1 dB

Voltage: 3.3 - 5.0 V

Current: 45 mA

VSWR: < 2

1 dB compression point P1dB: > 0 dB

Impedance: 50 Ohm

- Housing colour: white
- Housing material: ABS
- Protection class: IP67
- Operating temperature: -40 °C ~ 85 °C
- Weight: ca. 150 g
- Diameter: ca. 90.0 mm
- Height: ca. 30.3 mm

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## System requirements

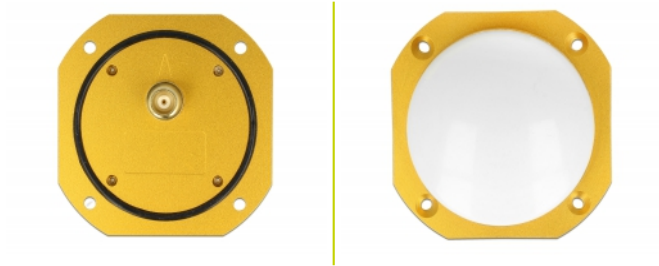
- Antenna cable with a free TNC plug
- GNSS receiver

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## Package content

- GNSS antenna

## Images



## General

Mounting type:	design mounting
Protection category:	IP67
Suitable for indoor:	yes
Suitable for outdoor:	yes

## Interface

connector:	TNC jack
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## Technical characteristics

Operating voltage:	<b>LNA GNSS</b> 3 - 5 V
Frequency range:	<b>GNSS GPS GLONASS</b> BEIDOU: B 1-2, 1589.7420 MHz BEIDOU: B1, 1561.0980 MHz GALILEO: L1 1575.4200 MHz GLONASS: G1, 1.6020000 (k x 0.5625) GHz GLONASS: G2, 1246.0000 (k x 0.4375) MHz GPS: L1, 1,5754200 GHz GPS: L2, 1227.6000 MHz <b>LNA GNSS</b> BEIDOU: B 1-2, 1589.7420 MHz BEIDOU: B1, 1561.0980 MHz GALILEO: L1 1575.4200 MHz GLONASS: G1, 1.6020000 (k x 0.5625) GHz GLONASS: G2, 1246.0000 (k x 0.4375) MHz GPS: L1, 1,5754200 GHz GPS: L2, 1227.6000 MHz
Gain:	<b>GNSS GPS GLONASS</b> 4 dBi <b>LNA GNSS</b> 30 dBi
Impedance:	50 Ω
Operating temperature:	-40 °C ~ 85 °C

Polarisation:	RHCP <b>GNSS GPS GLONASS</b> RHCP
Current consumption:	45 mA <b>LNA GNSS</b> 10 - 16 mA
VSWR:	<b>GNSS GPS GLONASS</b> 2.0 <b>LNA GNSS</b> 2.0

### Physical characteristics

Housing colour:	white
Weight:	150 g
Cable type:	<b>GNSS GPS GLONASS</b> RG-174
Diameter:	90.0 mm
Height:	3.03 cm