

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

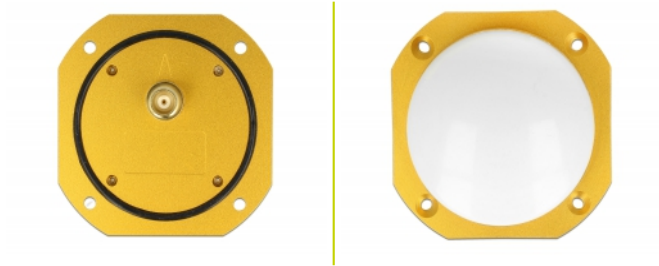
System requirements

- Antenna cable with a free TNC plug
- GNSS receiver

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:	LNA GNSS 3 - 5 V
Frequency range:	GNSS GPS GLONASS 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 LNA GNSS 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:	GNSS GPS GLONASS 4 dBi LNA GNSS 30 dBi
Impedance:	50 Ω
Operating temperature:	-40 °C ~ 85 °C

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

Physical characteristics

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