

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.



Specification

- 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: Passband fluctuation: +/- 1 dB
 - Voltage: 3.3 - 5.0 V
 - Current: 45 mA
 - VSWR: 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

Item no. 60562

EAN: 4043619605620

Country of origin: China

Package: Box



Package content

- GNSS antenna

Images





General	
Mounting type:	standard design mounting
Protection category:	standard IP67
Suitable for indoor:	standard yes
Suitable for outdoor:	standard yes
Interface	
connector:	standard TNC jack
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:	standard 50 Ω
Operating temperature:	standard -40 °C ~ 85 °C
Polarisation:	standard RHCP GNSS GPS GLONASS RHCP



Current consumption:	standard
	45 mA
	LNA GNSS
VSWR:	10 - 16 mA
	GNSS GPS GLONASS
	2.0
	LNA GNSS
	2.0
Physical characteristics	
Housing colour:	standard
	white
Weight:	standard
	150 g
Cable type:	GNSS GPS GLONASS
	RG-174
Diameter:	standard
	90.0 mm
Height:	standard
	3.03 cm