

Navilock NL-60560M quad feed GNSS BEIDOU GALILEO GLONASS GPS TNC antenna outdoor

Description

This high-precision antenna by Navilock can be used on GNSS devices to receive BEIDOU, GALILEO, GLONASS and GPS satellite signals at the same time.



Item no. 60560

EAN: 4043619605606

Country of origin: China

Package: Box

Specification

• Connector: 1 x TNC jack

• GNSS:

Frequency range:

BEIDOU: B1, 1.561098 GHz / B2, 1.20714 GHz / B3, 1.26852 GHz

GALILEO: E1, 1.5754200 GHz / E5b, 1.20714 GHz / E6, 1.27875 GHz

GLONASS: G1, 1.6025625 - 1.6155000 GHz / G2, 1.2429375 - 1.2516875 GHz

GPS: L1, 1.5754200 GHz / L2, 1.2276 GHz

Gain: 5 dBic

PZC Phase Center Variation: +/- 2 mm

Axial Ratio: < 3 dB

Beam width: 360°

VSWR: 1.5

Impedance: 50 Ohm

Polarisation: RHCP

Antenna type: quad feed patch

- **LNA:**

Frequency range:

BEIDOU: B1, 1.561098 GHz / B2, 1.20714 GHz / B3, 1.26852 GHz

GALILEO: E1, 1.5754200 GHz / E5b, 1.20714 GHz / E6, 1.27875 GHz

GLONASS: G1, 1.6025625 - 1.6155000 GHz / G2, 1.2429375 - 1.2516875 GHz

GPS: L1, 1.5754200 GHz / L2, 1.2276 GHz

Operating voltage: 3.0 - 5.5V

Gain: 40 dB

Pass band fluctuation: +/- 1 dB

Noise Figure: < 1.5 dB

Current consumption: 45 mA

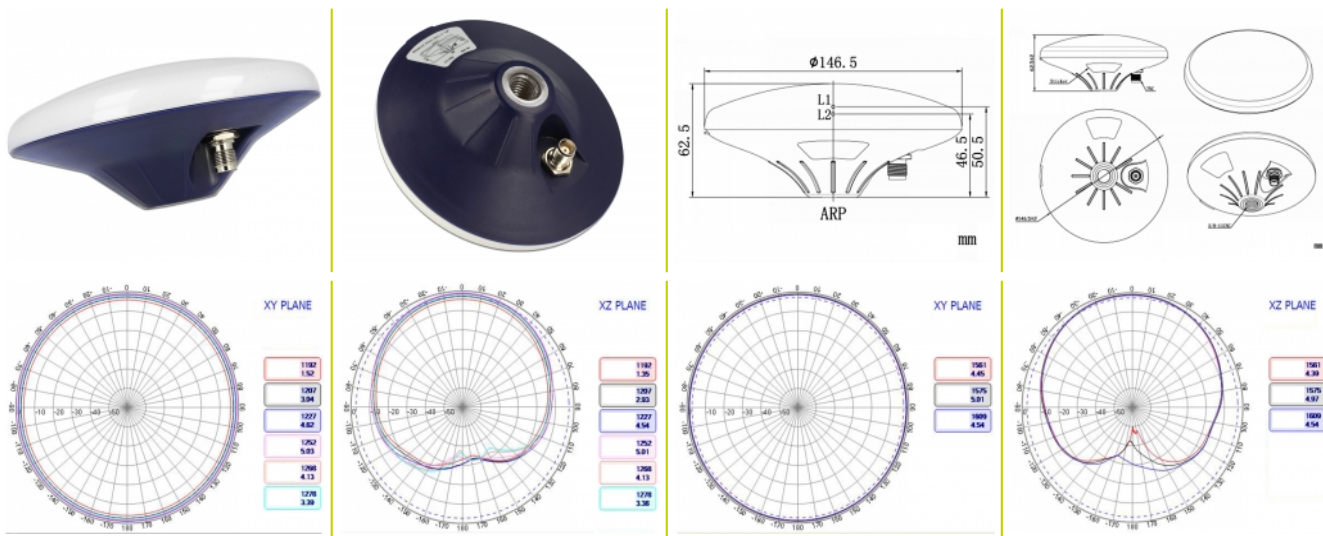
VSWR: 2

- Impedance: 50 Ohm
- Mounting type: Tripod mount
- Thread type: UNC 11, 5/8 in
- Housing colour: blue / white
- Housing material: ABS
- Protection category: IP67 exclude air vent in screw hole
- Suitable for outdoor: yes
- Operating temperature: -40 °C ~ 80 °C
- Diameter: 146.5 mm
- Height: 62.5 mm

Package content

- Quad feed antenna

Images



General

Mounting type:	Tripod mount
Protection category:	IP67
Suitable for outdoor:	yes

Interface

Connector 1:	TNC jack
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Technical characteristics

Operating voltage:	3.0 - 5.5 V
Pass band ripple:	± 1 dB
Axial Ratio:	< 3 dB
Frequency range:	BEIDOU: B1, 1.561098 GHz / B2, 1.20714 GHz / B3, 1.26852 GHz GALILEO E5b, 1.20714 GHz / E6, 1.27875 GHz / E1, 1.5754200 GHz GLONASS: G1, 1.6025625 - 1.6155000 GHz / G2, 1.2429375 - 1.2516875 GHz GPS: L1, 1.5754200 GHz / L2, 1.2276 GHz
Antenna gain:	5 dBic
Gain:	40 dB
Beam width horizontal:	360°
Impedance:	50 Ω
Operating temperature:	-40 °C ~ 85 °C
Polarisation:	RHCP
PVC Phase Center Variation:	± 2 mm
Noise Figure:	< 1.5 dB
Current consumption:	45 mA
VSWR:	2.0 1.5

Physical characteristics



Antenna type:	quad feed patch
Housing colour:	blue / white
Housing material:	ABS
Weight:	658 g
Diameter:	146.5 mm
Height:	62.5 mm
Thread type:	UNC 11, 5/8 in