Navilock NL-69AT GNSS GALILEO GPS FAKRA C Jack active Antenna RG 174/U 5 m outdoor

Description

This GNSS antenna from Navilock can be used on an existing GNSS receiver, car radio or vehicle multimedia receiver with FAKRA C connection. The antenna is waterproof and can therefore be used temporarily outside the vehicle.

Item no. 60508

EAN: 4043619605088

Country of origin: Taiwan, Republic of China

Package: Zip poly bag

Specification

- Connector: 1 x FAKRA C Jack
- FAKRA C: RAL 5005 Signal blue
- Frequency range: 1575.42 MHz
- GALILEO: E1 1,5754200 GHz, GPS: L1, 1.5754200 GHz
- Band width: 2 MHz
- Antenna gain: 27 dBi
- Impedance: 50 Ohm
- Mounting: Magnet base
- Housing material: ABS
- Colour: black
- Protection class: IP67
- Cable type: RG 174/U
- Cable colour: black
- Cable attenuation: 1.1 dB @ 1500 MHz per meter
- Cable length incl. connector: ca. 3 m
- Dimensions (LxWxH): 40.5 x 38.0 x 12.0 mm
- DC input: 3.0 - 5.5 V
- Power consumption:

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11 mA @ 3.0 V typ.
15 mA @ 3.0 V max.

- Weight: 150 g

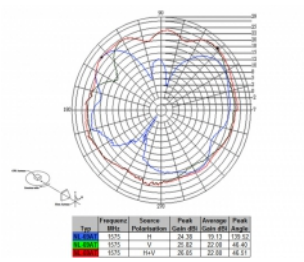
System requirements

- Device with a free FAKRA C plug

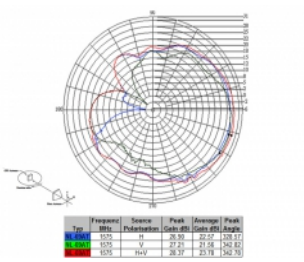
Package content

- Antenna

Images



Typ	Frequenz MHz	Source Polarisation	Peak Gain dBi	Average Gain dBi	Peak Angle
NL-EMT	1575	H	24.38	19.13	139.52
NL-EMT	1575	V	25.82	22.08	46.40
NL-EMT	1575	H+V	26.65	22.08	46.51



Typ	Frequenz MHz	Source Polarisation	Peak Gain dBi	Average Gain dBi	Peak Angle
NL-EMT	1575	H	26.90	22.57	328.57
NL-EMT	1575	V	27.21	21.56	342.82
NL-EMT	1575	H+V	28.37	23.78	342.78

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General

Mounting type:	magnetic
Protection category:	IP67

Interface

connector:	1 x FAKRA C jack

Technical characteristics

Operating voltage:	3.0 - 5.5 V
Frequency range:	1.57542 GHz GALILEO: L1 1575.4200 MHz GPS: L1, 1,5754200 GHz
Antenna gain:	27 dBi
Impedance:	50 Ω
Current consumption:	15 mA @ 3V

Physical characteristics

Housing colour:	black
Weight:	150 g
Cable type:	RG-174 U
Cable attenuation:	1.1 dB @ 1500 MHz per meter
Cable length incl. connector:	5 m
Length:	40.5 mm
Width:	38.0 mm
Height:	12.0 mm
Colour:	RAL 5005 Signal blue

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