

Navilock Multiband GNSS UMTS GSM LTE SMA 28 dBi / 2 dBi 2 x 2 m RG-174 Antenna omnidirectional mounting plate

Description

This multi-band antenna by Navilock has two physically separated transmitting and receiving units. The GPS patch antenna receives the signals of the Global Navigation Satellite System GPS. One PIFA antenna for GSM / UMTS / LTE is responsible for transmitting and receiving in these ranges.



ca. 2 m

Specification

- Connectors: 2 x SMA plug
- **GPS:**
 - Frequency range:
 - GPS: L1, 1.57542 GHz
 - Antenna gain: 3 dBi
 - VSWR: 1.5
 - Impedance: 50 Ohm
 - Polarisation: RHCP
- **LNA GPS:**
 - Frequency range:
 - GPS: L1, 1.57542 GHz
 - Gain: 28 dBi
 - Noise figure: 1.5 dB
 - Voltage: 2.2 - 5.0 V
 - Current: 5 - 15 mA
 - Impedance: 50 Ohm
- **LTE GSM UMTS:**
 - Frequency range:
 - 0.824 - 0.960 GHz
 - 1.710 - 2.170 GHz
 - LTE Band: 1-6/ 8-10/ 19/ 25/ 33-37/ 39
 - GSM / UMTS / ZigBee / Z-Wave
 - Antenna gain: 2 dBi
 - Impedance: 50 Ohm
 - Polarisation: linear
 - VSWR: 2.0
- Operating temperature: -40 °C ~ 85 °C
- Housing material: ABS
- Protection class: none
- Screw assembly
- Colour: black
- Dimension (ØxH): ca. 77 x 14 mm
- Cable category: coaxial
- Cable type: RG-174
- Cable colour: black
- Cable attenuation:
 - 1.5 dBi @ 1.5 GHz per meter
- Cable diameter: ca. 2.7 mm
- Cable length incl. connectors: ca. 2 m

Item no. 89489

EAN: 4043619894895

Country of origin: China

Package: Poly bag



System requirements

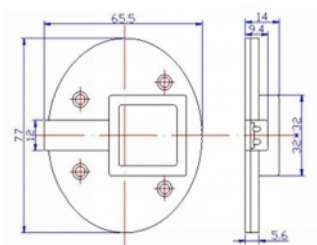


- Device with free SMA connectors

Package content

- Multiband antenna

Images





General	
Mounting type:	standard Screw mounting
Protection category:	standard without
Suitable for indoor:	standard yes
Suitable for outdoor:	standard no
Interface	
connector:	standard 2 x SMA plug
Technical characteristics	
Operating voltage:	standard 2.2 - 5.0 V
Frequency range:	standard 824 MHz - 960 MHz 1.57542 GHz 1.71 - 2.17 GHz
Gain:	standard 3 dBi 28 dBi 2 dBi
Impedance:	standard 50 Ω
Operating temperature:	standard -40 °C ~ 85 °C
Polarisation:	standard RHCP linear vertical
Current consumption:	standard 5 - 15 mA
VSWR:	standard 2.0 1.5
Physical characteristics	
Housing colour:	standard black
Housing material:	standard ABS
Weight:	standard 96 g 0.096 kg
Cable category:	standard coaxial



Cable type:	standard RG-174
Cable attenuation:	standard 1.5 dB @ 1.5 GHz per meter RG-174
Cable colour:	standard black
Cable length:	standard 2 m (incl. connectors)
Cable diameter:	standard 2.70 mm RG-174
Diameter:	standard 68 mm
Height:	standard 54.5 mm