

Navilock Multiband GNSS GSM UMTS LTE SMA 28 dBi / 5 dBi 2 x 2 m RG-174 Antenna omnidirectional roof mount outdoor

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. PIFA antenna for GSM / UMTS / LTE is responsible for transmitting and receiving in these areas.

Due to its outdoor features, the multiband antenna is well suitable for usage in harsh areas such as transportation, forestry, agriculture, construction and in the maritime sector. It is waterproof, shock resistant and can be used in an extended temperature range.



Specification

- Connectors: 2 x SMA plug
- **GPS:**
 - Frequency range:
 - GPS: L1, 1.57542 GHz
 - Antenna gain: 5 dBi
 - VSWR: 1.5
 - Impedance: 50 Ohm
 - Polarisation: RHCP
- **LNA GPS:**
 - Frequency range:
 - GPS: L1, 1.57542 GHz
 - Gain: 28 dBi
 - Voltage: 2.2 - 5.0 V
 - Current: 5 - 15 mA
 - VSWR: 2.0
 - Impedance: 50 Ohm
- **GSM UMTS:**
 - Frequency range:
 - 0.824 - 0.960 GHz
 - 1.710 - 2.170 GHz
 - GSM / UMTS / ZigBee / Z-Wave
 - Antenna gain: 2 - 3 dBi
 - Impedance: 50 Ohm
 - Polarisation: linear
 - VSWR: 2.5
- Operating temperature: -40 °C ~ 85 °C
- Housing material: ABS
- Protection class: IP67
- Screw assembly:
 - Hole diameter: 20 mm
- Colour: black
- Dimension (ØxH): ca. 68 x 54.5 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. 89488

EAN: 4043619894888

Country of origin: China

Package: Retail Box



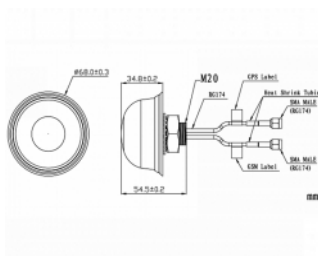
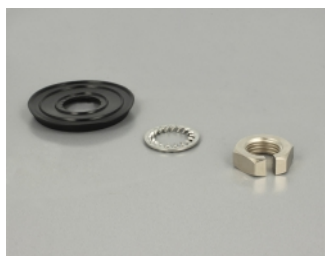
System requirements

- Device with free SMA connectors

Package content

- Multiband antenna
- Nut

Images





General	
Mounting type:	standard Screw mounting with 20 mm hole diameter
Protection category:	standard IP67
Suitable for outdoor:	standard yes
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 5 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 0.212 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 3 m (incl. connectors)
Cable diameter:	standard 2.70 mm RG-174
Diameter:	standard 68 mm
Height:	standard 54.5 mm