

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

Popis

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.



Číslo produktu 89488

EAN: 4043619894888

Země původu: China

Balení: Kartonová krabice

Specifikace

- 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

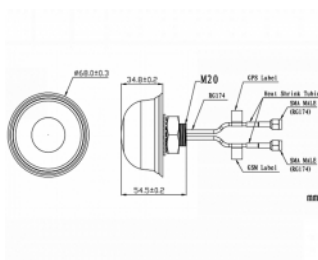
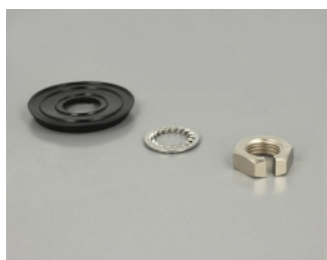
Systémové požadavky

- Device with free SMA connectors

Obsah balení

- Multiband antenna
- Nut

Příslušenství



General

Mounting type:	Montáž pomocí šroubu s 20 mm otvorem
Protection category:	IP67
Suitable for outdoor:	Yes

Interface

konektor:	2 x SMA samec
-----------	---------------

Technical characteristics

Operating voltage:	2.2 - 5.0 V
Frequency range:	824 MHz - 960 MHz 1.57542 GHz 1.71 - 2.17 GHz
Gain:	5 dBi 28 dBi 2 dBi
Impedance:	50 Ω
Provozní teplota:	-40 °C ~ 85 °C
Polarisation:	RHCP linear vertical
Current consumption:	5 - 15 mA
VSWR:	2,0 1,5

Physical characteristics

Pouzdro barva:	černá
Materiál pouzdra:	ABS
Weight:	0.212 kg
Cable category:	koaxiální
Cable type:	RG-174



Cable attenuation:	1.5 dB @ 1.5 GHz per meter RG-174
Barva kabelu:	černá
Délka kabelu:	3 m (incl. connectors)
Diameter:	68 mm
Height:	54,5 mm