

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

Descripción

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.



Número de elemento 89488

EAN: 4043619894888

Pais de origen: China

Paquete: Retail Box

Especificación técnica

- 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

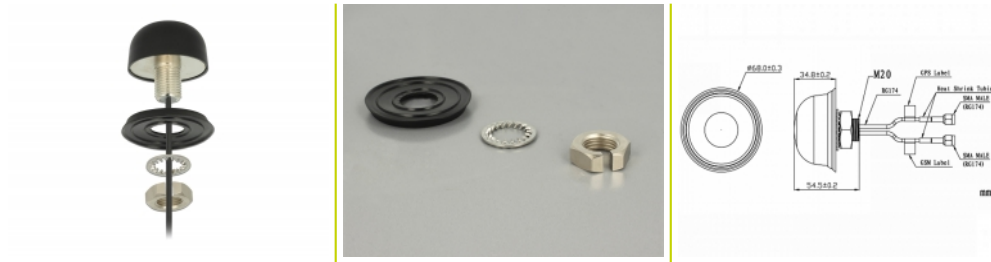
Requisitos del sistema

- Device with free SMA connectors

Contenido del paquete

- Multiband antenna
- Nut

Image



General

Mounting type:	Montaje con tornillos con un calibre de 20 mm
Protection category:	IP67
Suitable for outdoor:	Si

Interface

conector :	2 x macho SMA
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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
Impedanciaios:	50 Ω
Temperatura de funcionamiento:	-40 °C ~ 85 °C
Polarisation:	RHCP linear vertical
Current consumption:	5 - 15 mA
VSWR:	2,0 1,5

Physical characteristics

Carcasa color:	negro
Material de la carcasa:	ABS
Weight:	0.212 kg
Cable category:	coaxial
Cable type:	RG-174



Cable attenuation:	1.5 dB @ 1.5 GHz per meter RG-174
Color del cable:	negro
Longitud del cable:	3 m (incl. connectors)
Diameter:	68 mm
Height:	54,5 mm