

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

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



Número de elemento 89489

EAN: 4043619894895

Pais de origen: China

Paquete: Bolsa de plástico con cremallera

Especificación técnica

- 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

Requisitos del sistema

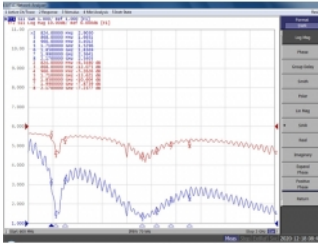
- Device with free SMA connectors

Contenido del paquete

- Multiband antenna



Image



General

Mounting type:	Montaje con tornillos
Protection category:	sin
Suitable for indoor:	Si
Suitable for outdoor:	no

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:	3 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:	96 g 0.096 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:	2 m (incl. connectors)
Diameter:	68 mm
Height:	54,5 mm