

Item no.: 351783

12457 - Multiband SMA Antenna, omnidirectional, roof mount, outdoor

from **64,09 EUR**

Item no.: 351783
shipping weight: 0.90 kg
Manufacturer: Navilock



Product Description

Multiband GNSS GALILEO GPS LTE UMTS GSM SMA Antenna omnidirectional roof mount outdoor

This Navilock multi-band antenna has three physically separate transmitting and receiving units. The GNSS patch antenna receives the signals of the Global Navigation Satellite System GALILEO GPS. Two PIFA antennas, respectively, for LTE and GSM/UMTS are responsible for sending 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 the extended temperature range.

- Connectors: 3 x SMA plug
- Operating temperature: -40°C ~ 85°C
- Housing material: ABS
- Protection class: IP67
- Screw assembly: Hole diameter: 30 mm
- Colour: Black
- Dimension (ØxH): ca. 143.6 x 65 mm
- Cable color: Black
- Cable length: ca. 3 m

GNSS:

- Frequency range: GPS: L1, 1.57542 GHz; GALILEO: E1, 1,57542 GHz
- Antenna gain: 4 dBi
- VSWR: 2.5
- Impedance: 50 Ohm
- Polarisation: RHCP

LNA GPS:

- Frequency range: GPS: L1, 1.57542 GHz; GALILEO: E1, 1,57542 GHz
- Gain: 28 dBi
- Voltage: 2.2 - 5.0 V
- Current: 5 - 15 mA
- VSWR: 2.0
- Impedance: 50 Ohm
- Cable category: Coaxial
- Cable type: RG-174
- Cable attenuation: 1.5 dB @ 1.5 GHz per meter
- Cable diameter: ca. 2.7 mm

LTE:

- Frequency range: 0.698 - 0.960 GHz; 1.710 - 2.700 GHz
- LTE band: 1-10/ 12-20/ 23/ 25-30/ 33-41
- GSM / UMTS / LoRa 868 MHz, 915 MHz / ZigBee / Z-Wave / WLAN 2.4 GHz / Bluetooth
- Antenna gain: 3 dBi
- Impedance: 50 Ohm
- Polarisation: Linear
- VSWR: 2.5
- Cable category: Coaxial
- Cable type: RG-58/U
- Cable attenuation: 0.6 dBi @ 1 GHz per meter
- Cable diameter: ca. 4.95 mm

GSM UMTS:

- Frequency range: 0.824 - 0.960 GHz; 1.710 - 2.170 GHz
- GSM / UMTS / Z-Wave
- Antenna gain: 3 dBi
- Impedance: 50 Ohm
- Polarisation: Linear
- VSWR: 2.5
- Cable category: Coaxial
- Cable type: RG-58/U
- Cable attenuation: 0.6 dBi @ 1 GHz per meter
- Cable diameter: ca. 4.95 mm

Specifications

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