

# Delock LTE MIMO GNSS Antenna 3 x SMA plug RG-174 3 m screw mounting outdoor black

## Description

This antenna by Delock allows the usage of different **LTE** and **GNSS** bands **indoors and outdoors**. It is completely compatible to GSM, UMTS, LTE, ZigBee, DECT, Z-Wave, NB-IoT, GNSS, Bluetooth, ISM, MIMO and LoRa 868 MHz / 915 MHz.



**Item no. 12700**

EAN: 4043619127009

Country of origin: China

Package: Box

## Specification

- Connectors: 3 x SMA plug
- **2 x LTE:**
  - Frequency range: 698 MHz - 960 MHz 1710 MHz - 2690 MHz
  - Impedance: 50 Ohm
  - VSWR: 3.0
  - Antenna gain: 2.0 - 2.5 dBi
  - Polarisation: linear
- **GNSS:**
  - Frequency range:
    - GALILEO: E1, 1575.4200 MHz
    - GPS: L1, 1575.4200 MHz
  - Antenna gain: 2 dBi
  - VSWR: 1.5
  - Impedance: 50 Ohm
  - Polarisation: RHCP
- **LNA GNSS:**
  - Frequency range:
    - GALILEO: E1, 1575.4200 MHz
    - GPS: L1, 1575.4200 MHz

Antenna gain: 28 dBi

Operating voltage: 2.2 - 5.0 V

Current consumption: 5 - 15 mA

VSWR: 2.0

Impedance: 50 Ohm

- Mounting type: screw mounting
- Operating temperature: -40 °C ~ 85 °C
- Housing material: ABS
- Protection class: IP67
- Colour: black
- Cable type: coaxial
- Cable type: RG-174
- Cable colour: black
- Cable diameter: ca. 2.7 mm
- Cable attenuation: 1.5 dB @ 1.5 GHz per meter
- Smallest bending radius: 10.5 mm
- Cable length incl. connector: ca. 3 m
- Dimensions (Ø x H): ca. 81.3 x 16.3 mm

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## System requirements

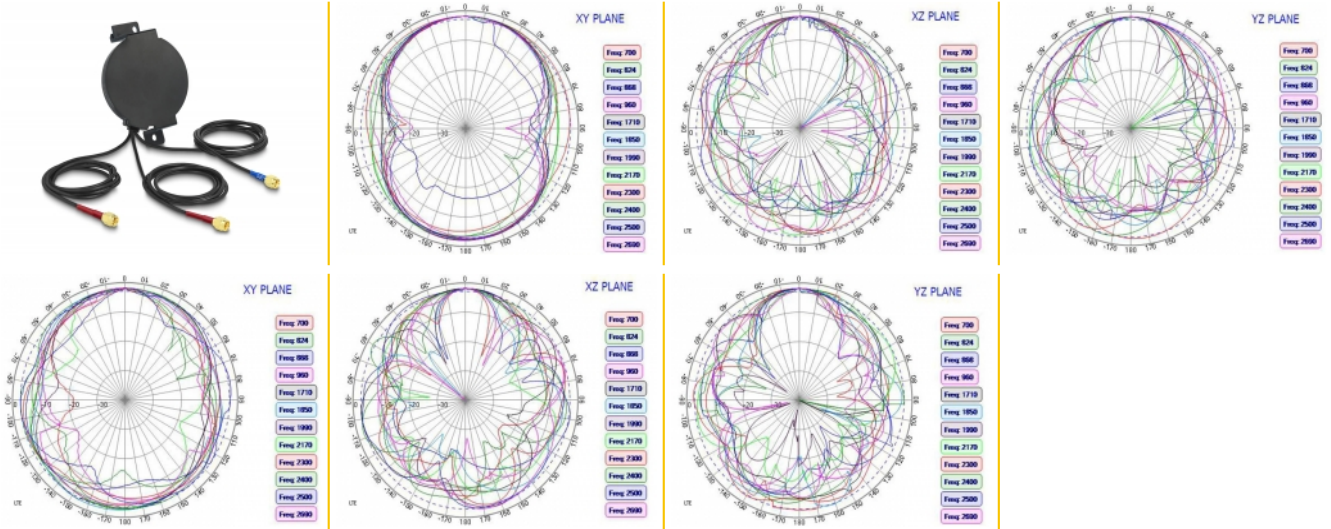
- Device with multiple free SMA ports

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## Package content

- Antenna

## Images



## General

Mounting type:	Screw mounting
Protection category:	IP67
Suitable for outdoor:	yes

## Interface

Connector 1:	2 x SMA male for LTE
Connector 2:	1 x SMA plug GNSS

## Technical characteristics

Frequency range:	698 MHz - 960 MHz GPS: L1, 1,5754200 GHz 1710 MHz - 2690 MHz GALILEO: E1. 1.5754200 GHz
Antenna gain:	LTE MIMO: 2.5 dBi GNSS: 28 dB
Impedance:	50 $\Omega$
Operating temperature:	-40 °C ~ 85 °C
Polarisation:	linear
VSWR:	2.0

## Physical characteristics

Housing material:	ABS
Cable category:	coaxial
Cable type:	RG-174
Cable attenuation:	1.5 dB @ 1.5 GHz per meter
Cable colour:	black
Cable length incl. connector:	3 m
Diameter:	83.3 mm

Height:	16.3 mm
Smallest bending radius:	10.5 mm
Colour:	black
Thread type:	M12