

# Delock 5G LTE Antenna SMA plug -0.5 - 2.3 dBi omnidirectional with tilt joint black

## Description

This 5G LTE antenna by Delock allows the usage of different **5G LTE** bands inside. It is completely compatible to GSM, UMTS, 5G LTE, ZigBee, Z-Wave, NB-IoT, WLAN 2.4 GHz, Bluetooth, ISM, DECT and LoRa.

### 5G mobile radio standard

5G unlike its predecessors LTE (4G) and UMTS (3G) will use more and wider frequency spectrums.

The 5G standard promises more **throughput**, **capacity** and **low latency**.

Bluetooth



SMA

**Item no. 12633**

EAN: 4043619126330

Country of origin: Taiwan,  
Republic of China

Package: Retail Box

## Specification

- Connector: 1 x SMA plug
- GSM, UMTS, 5G LTE, ZigBee, Z-Wave, NB-IoT, WLAN, Bluetooth, ISM, DECT, LoRa
- Frequency range:
  - 617 - 798 MHz
  - 803 - 960 MHz
  - 1452 - 1496 MHz
  - 1710 - 2270 MHz
  - 2300 - 2690 MHz
  - 3300 - 3800 MHz
  - 4200 - 5000 MHz
- Antenna gain: -0.53 - 2.3 dBi
- Impedance: 50 Ohm
- VSWR: 4.0 - 3.0
- Polarisation: linear, vertical
- Operating temperature: -10 °C ~ 55 °C
- Housing material: ABS
- Colour: black
- Dimensions (LxWxH): ca. 197.00 x 28.00 x 13.50 mm

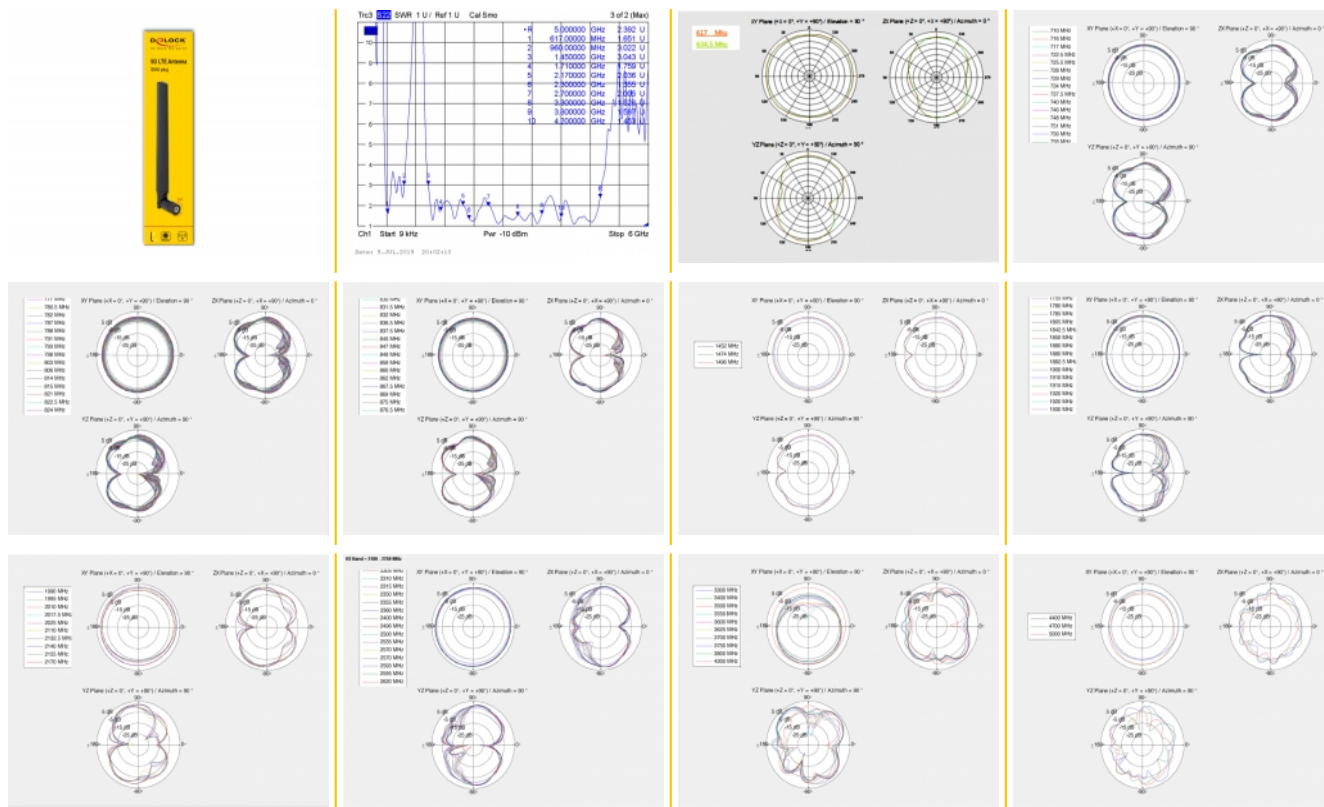
## System requirements

- Device with a free SMA connector

## Package content

- Antenna

## Images



## General

|                      |                |
|----------------------|----------------|
| Mounting type:       | Screw mounting |
| Suitable for indoor: | yes            |

## Interface

|            |              |
|------------|--------------|
| connector: | 1 x SMA plug |
|------------|--------------|

## Technical characteristics

|                        |   |
|------------------------|---|
| Frequency range:       | 617 - 798 MHz<br>803 - 960 MHz<br>1452 - 1496 MHz<br>1710 - 2270 MHz<br>2300 - 2690 MHz<br>3300 - 3800 MHz<br>4200 - 5000 MHz |
| Antenna gain:          | -0.53 - 2,3 dBi   |
| Impedance:             | 50 $\Omega$   |
| Operating temperature: | -10 °C ~ 55 °C  |
| Polarisation:          | linear vertical   |
| VSWR:                  | 3.0 - 4.0   |

## Physical characteristics

|                         |         |
|-------------------------|---------|
| Housing colour:         | black   |
| Housing material:       | ABS     |
| Width:                  | 2.8 cm  |
| Height:                 | 1.6 cm  |
| Length with tilt joint: | 19.7 cm |