

# Delock LTE Antenna SMA plug 1 - 4 dBi omnidirectional with tilt joint black

## Description

This GSM / UMTS / LTE antenna can be connected to a GSM / UMTS / LTE device with SMA interface, in order to send and receive signals.



**Item no. 88451**

EAN: 4043619884513

Country of origin: Taiwan,  
Republic of China

Package: Retail Box

## Specification

- Connector: SMA plug
- Frequency range:
  - 790 - 960 MHz
  - 1710 - 2170 MHz
  - 2570 - 2620 MHz
- Antenna gain:
  - 1.0 - 3.5 dBi @ 790 - 960 MHz
  - 2.0 - 4.0 dBi @ 1710 - 2170 MHz
  - 3.0 - 4.0 dBi @ 2570 - 2620 MHz
- Impedance: 50 Ohm
- Polarisation: linear, vertical
- VSWR: 4.0
- Operating temperature: -10 °C ~ 55 °C
- Housing material: ABS
- Colour: black
- Length:
  - ca. 163.10 mm (with tilt joint)
  - ca. 137.00 mm (without tilt joint)

- Diameter:  
ca. 19.60 mm (top)  
ca. 21.60 mm (max.)  
ca. 13.50 mm (SMA)

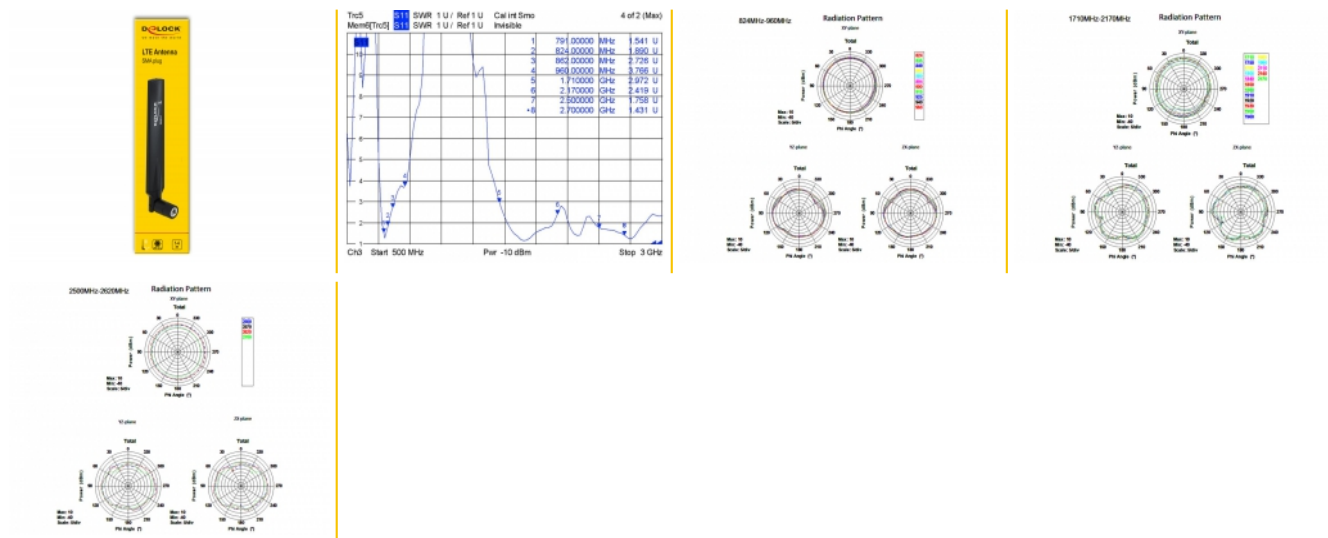
## System requirements

- Device with a free SMA jack

## Package content

- LTE antenna

## Images



## Interface

|            |             |
|------------|-------------|
| connector: | SMA Stecker |
|------------|-------------|

## Technical characteristics

|                        |   |
|------------------------|---|
| Frequency range:       | 2570 - 2620 MHz<br>790 - 960 MHz<br>1710 MHz - 2170 MHz   |
| Gain:                  | 1.0 - 3.5 dBi @ 790 - 960 MHz<br>2.0 - 4.0 dBi @ 1710 - 2170 MHz<br>3.0 - 4.0 dBi @ 2570 - 2620 MHz |
| Impedance:             | 50 $\Omega$   |
| Operating temperature: | -10 °C ~ 55 °C  |
| Polarisation:          | linear vertical   |
| VSWR:                  | 4.0   |

## Physical characteristics

|                            |           |
|----------------------------|-----------|
| Housing material:          | ABS       |
| Diameter connector:        | 13.50 mm  |
| Length with tilt joint:    | 163.10 mm |
| Length without tilt joint: | 137.00 mm |
| Colour:                    | black     |