

# Delock GSM UMTS LTE WLAN 2.4 GHz Antenna SMA plug 2 dBi omnidirectional fixed black self-adhesive

## Description

This antenna by Delock can be used indoors and takes advantage of different frequency bands. It is completely compatible to Bluetooth, WLAN 2.4 GHz, ZigBee, DECT and Z-Wave.



**Item no. 89491**

EAN: 4043619894918

Country of origin: China

Package: Zip poly bag

## Specification

- Connector: 1 x SMA plug
- LTE band: 1-6; 8-10; 19; 25; 33-37; 39
- Frequency range: 824 - 960, 1920 - 2170, 2400 - 2500 MHz
- GSM, UMTS, Bluetooth, WLAN 2.4 GHz, ZigBee, DECT, Z-Wave
- Antenna gain: 2 dBi
- Impedance: 50 Ohm
- Polarisation: vertical
- VSWR: 2.0
- Operating temperature: -40 °C ~ 85 °C
- Colour: black
- Dimensions (LxWxH): ca. 11.56 x 2.17 x 0.58 cm
- Cable type: coaxial
- Cable type: RG-174
- Cable colour: black
- Cable attenuation: 1.8 dB @ 1.8 GHz pro Meter
- Cable diameter: ca. 2.7 mm
- Cable length incl. connector: ca. 2 m

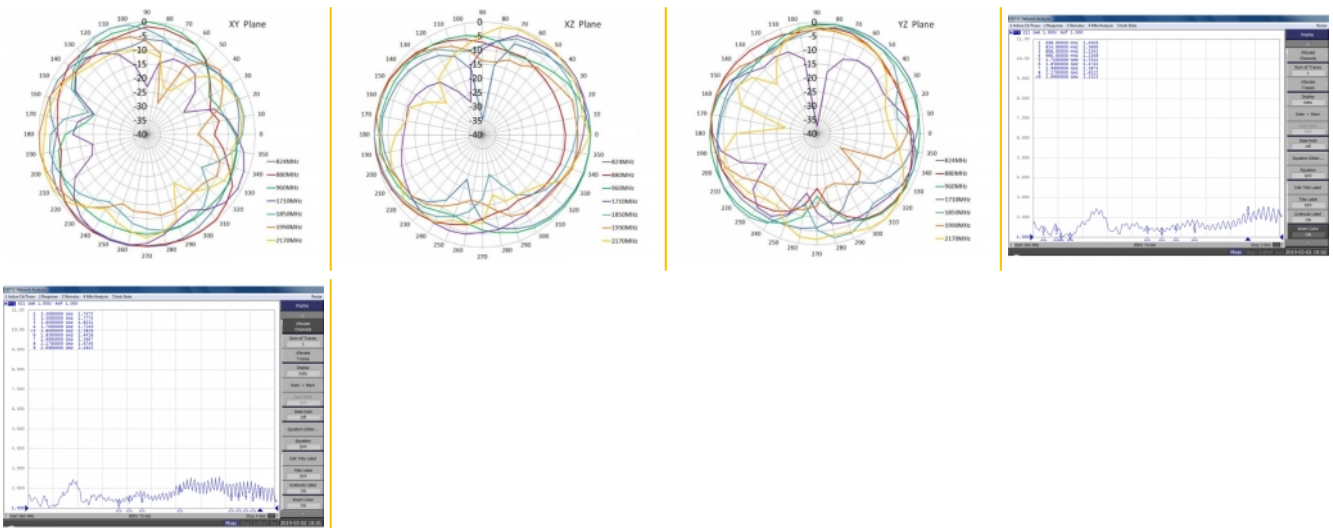
## System requirements

- Device with a free SMA connector

## Package content

- Antenna

## Images



## General

|                       |               |
|-----------------------|---------------|
| Mounting type:        | Self adhesive |
| Suitable for indoor:  | yes           |
| Suitable for outdoor: | no            |

## Interface

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

## Technical characteristics

|                        |   |
|------------------------|---|
| Frequency range:       | 1710 MHz - 2170 MHz<br>2400 MHz - 2500 MHz<br>824 MHz - 960 MHz |
| Gain:                  | 2.5 dBi   |
| Impedance:             | 50 Ω  |
| Operating temperature: | -40 °C ~ 85 °C  |
| Polarisation:          | linear vertical   |
| VSWR:                  | 2.0   |

## Physical characteristics

|                               |                                   |
|-------------------------------|-----------------------------------|
| Housing colour:               | black                             |
| Housing material:             | ABS                               |
| Cable category:               | coaxial                           |
| Cable type:                   | RG-174                            |
| Cable attenuation:            | 1.5 dB @ 1.5 GHz per meter RG-174 |
| Cable colour:                 | black                             |
| Cable diameter:               | 2.7 mm                            |
| Cable length incl. connector: | 2 m                               |
| Length:                       | 11.56 cm                          |

|         |         |
|---------|---------|
| Width:  | 2.17 cm |
| Height: | 0.58 cm |
| Colour: | black   |