

# Delock GSM / UMTS Antenna SMA plug 1.0 - 3.5 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. 88416

EAN: 4043619884162 Country of origin: Taiwan, Republic of China Package: Retail Box

## **Specification**

- Connector: SMA plug
- Frequency range: 824 - 960 MHz 1710 - 2170 MHz
- Antenna gain:
  - 1.0 2.5 dBi @ 824 960 MHz
  - 1.8 3.5 dBi @ 1710 2170 MHz
- Impedance: 50 Ohm
- Polarisation: linear, vertical
- VSWR: 4.0
- Operating temperature: -10  $^\circ\text{C}$  ~ 55  $^\circ\text{C}$
- 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)

## **DATASHEET**



ca. 21.50 mm (max.) ca. 13.50 mm (SMA)

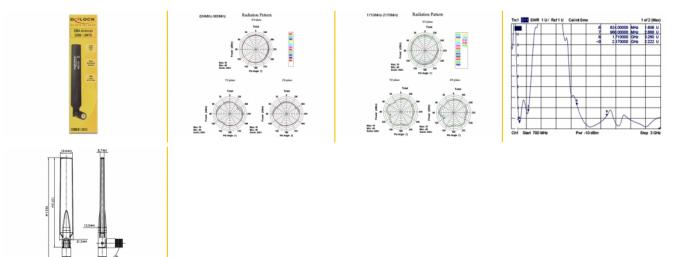
## System requirements

• Device with a free SMA jack

## Package content

• GSM / UMTS antenna

### Images





### Interface

| connector:                | SMA Stecker  |  |
|---------------------------|--|--|
| Technical characteristics |  |  |
| Frequency range:          | 824 MHz - 960 MHz<br>1710 MHz - 2170 MHz                                 |  |
| Gain:                     | 1.0 - 2.5 dBi @ 824 MHz - 960 MHz<br>1.8 - 3.5 dBi @ 1710 MHz - 2170 MHz |  |
| Impedance:                | 50 Ω   |  |
| 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 |
| Colour:                 | black     |