

# 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

## Technical details

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

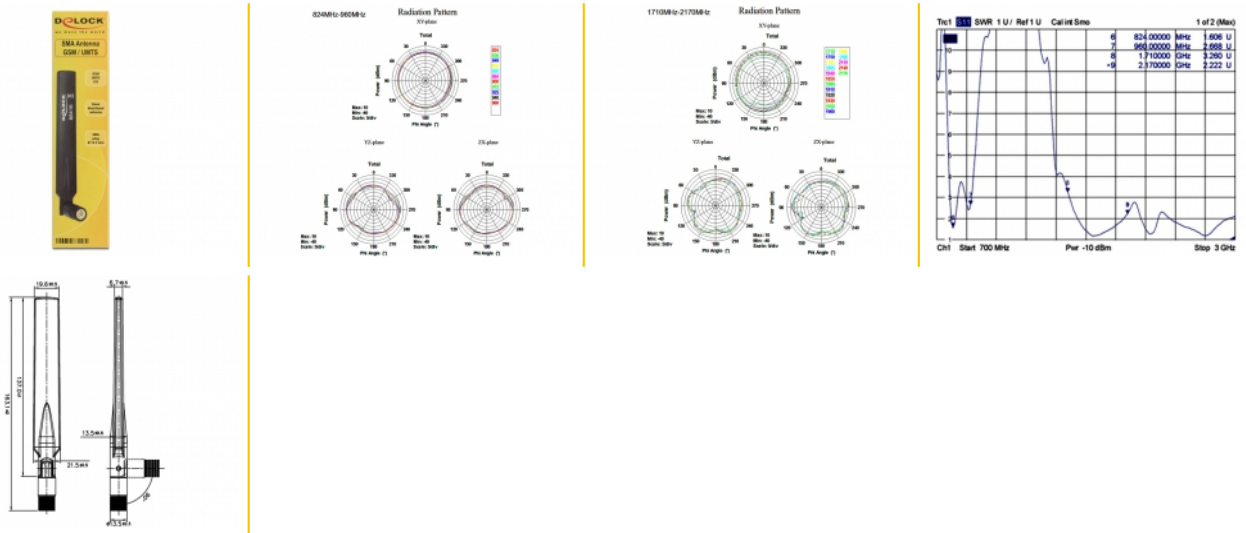
## System requirements

- Device with a free SMA jack

## Package content

- GSM / UMTS antenna

## Images



### Interface

connector:	SMA Stecker
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### Technical characteristics

Frequency range:	824 MHz - 960 MHz 1710 MHz - 2170 MHz
Gain:	1.0 - 2.5 dBi @ 824 MHz - 960 MHz 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