

# 5G LTE Antenna SMA plug 3 - 5 dBi fixed omnidirectional wall and pole mounting outdoor white

## Description

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

### 5G the new 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.



**Item no. 10036**

EAN: 4043619100361

Country of origin: China

Package: Box

## Technical details

- Connector: 1 x SMA plug
- Frequency range:  
600 - 960 MHz  
1710 - 6000 MHz
- Antenna gain: 3 - 5 dBi
- Impedance: 50 Ohm
- VSWR: 2.0:1
- Polarisation: linear, vertical
- Horizontal beamwidth: 360°
- Vertical beam angle: 18°
- Operating temperature: -40 °C ~ 80 °C
- Housing material: ABS
- Colour: white
- Cable type: coaxial
- Cable type: RG-142
- Cable colour: white
- Cable diameter: ca. 4.95 mm
- Cable attenuation: 0.9 dB @ 3.0 GHz per meter
- Smallest bending radius: 25 mm
- Cable length incl. connector: ca. 30 cm
- Weight: ca. 490 g
- Dimensions (LxD): ca. 216 x 63 mm

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## System requirements

- Device with a free SMA port

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## Package content

- Antenna
- Mounting material

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## Images



## General

|                       |              |
|-----------------------|--------------|
| Mounting type:        | wall<br>pole |
| Suitable for outdoor: | yes          |

## Interface

|            |              |
|------------|--------------|
| Connector: | 1 x SMA plug |
|------------|--------------|

## Technical characteristics

|                        |                                  |
|------------------------|----------------------------------|
| Frequency range:       | 1710 - 6000 MHz<br>600 - 960 MHz |
| Antenna gain:          | 3 - 5 dBi                        |
| Beam width horizontal: | 360°                             |
| Beam width vertical:   | 18°                              |
| Impedance:             | 50 Ohm                           |
| Operating temperature: | -40 °C ~ 80 °C                   |
| Polarisation:          | vertical                         |
| Transmission power:    | 100 W                            |
| VSWR:                  | 2.0                              |

## Physical characteristics

|                                |                    |
|--------------------------------|--------------------|
| Antenna type:                  | omnidirectional    |
| Weight:                        | 490 g              |
| Cable category:                | coaxial            |
| Cable type:                    | RG-142             |
| Cable attenuation:             | 0.65 dB @ 1800 MHz |
| Cable colour:                  | transparent        |
| Cable length incl. connectors: | 30 cm              |

|                          |         |
|--------------------------|---------|
| Diameter:                | 63 mm   |
| Smallest bending radius: | 25 mm   |
| Colour:                  | white   |
| Cable diameter:          | 4.95 mm |

### Manufacturer information

|             |                   |
|-------------|-------------------|
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