



# Delock LTE Antenna TS-9 plug 90° 3 dBi omnidirectional fixed black self adhesive

## Description

This LTE antenna by Delock can be installed indoors and takes advantage of all LTE bands. It is completely compatible to GSM, UMTS, LTE, ISM, DECT, Bluetooth, WLAN 2.4 GHz, ZigBee, LoRa, NB-IoT and Z-Wave.



ca.1 m

## Specification

- Connector: 1 x TS-9 plug 90°
- Frequency range:  
690 - 960 MHz  
1710 - 2700 MHz
- GSM, UMTS, LTE, ZigBee, Z-Wave, NB-IoT, WLAN 2,4 GHz, Bluetooth, ISM, DECT, LoRa
- Antenna gain: 3 dBi
- Impedance: 50 Ohm
- Polarisation: linear, vertical
- Horizontal beam angle: 360°
- VSWR: 2.0
- Operating temperature: -10 °C ~ 55 °C
- Housing material: ABS
- Colour: black
- Cable: coaxial
- Cable type: RG-174
- Cable colour: black
- Cable attenuation: 1.5 dB @ 1.5 GHz per meter
- Cable diameter: ca. 2.7 mm
- Cable length incl. connector: ca. 1 m
- Dimensions (LxWxH): ca. 115 x 22 x 5 mm

## Item no. 12479

EAN: 4043619124794

Country of origin: China

Package: Poly bag

## System requirements

- Device with one free TS-9 port

## Package content

- Antenna

## Images





| Interface                 |                                                      |
|---------------------------|------------------------------------------------------|
| Connector 1:              | <b>standard</b><br>1 x TS-9 plug                     |
| Technical characteristics |                                                      |
| Frequency range:          | <b>standard</b><br>1710 - 2700 MHz<br>690 - 960 MHz  |
| Gain:                     | <b>standard</b><br>3 dBi                             |
| Beam width horizontal:    | <b>standard</b><br>360°                              |
| Impedance:                | <b>standard</b><br>50 Ω                              |
| Operating temperature:    | <b>standard</b><br>-10 °C ~ 55 °C                    |
| Polarisation:             | <b>standard</b><br>linear vertical                   |
| VSWR:                     | <b>standard</b><br>2.0                               |
| Physical characteristics  |                                                      |
| Cable category:           | <b>standard</b><br>coaxial                           |
| Cable type:               | <b>standard</b><br>RG-174                            |
| Cable attenuation:        | <b>standard</b><br>1.5 dB @ 1.5 GHz per meter RG-174 |
| Cable colour:             | <b>standard</b><br>black                             |
| Cable length:             | <b>standard</b><br>1 m                               |
| Length:                   | <b>standard</b><br>115 mm                            |
| Width:                    | <b>standard</b><br>22 mm                             |
| Height:                   | <b>standard</b><br>5 mm                              |
| Colour:                   | <b>standard</b><br>black                             |