

# Delock 5G LTE Antenna I-PEX Inc., MHF® I plug -0.42 - 5.00 dBi omnidirectional FPC

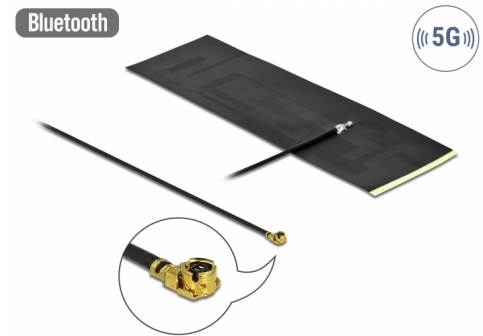
## Description

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

### 5G 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. 12626**

EAN: 4043619126262

Country of origin: Taiwan, Republic of China

Package: Zip poly bag

## Technical details

- Connector: 1 x I-PEX Inc., MHF® I plug
- Frequency range:
  - 617 - 798 MHz
  - 803 - 960 MHz
  - 1452 - 1496 MHz
  - 1710 - 2270 MHz
  - 2300 - 2690 MHz
  - 3300 - 3800 MHz
  - 4200 - 5000 MHz
- Antenna gain: 0.42 - 5.00 dBi
- VSWR: 3.5 - 4.0
- Impedance: 50 Ohm
- Polarisation: linear, vertical
- Mounting type: self-adhesive
- Operating temperature: -10 °C ~ 55 °C
- Housing material: FPC
- Colour: black
- Cable type: coaxial

- Cable type: 1.13
- Cable colour: black
- Cable diameter: ca. 1.13 mm
- Cable attenuation: 3.2 dB @ 2.4 GHz per meter
- Smallest bending radius: 4.5 mm
- Dimensions (LxWxH): ca. 950 x 300 x 1 mm
- Length incl. connectors (L): ca. 15 cm

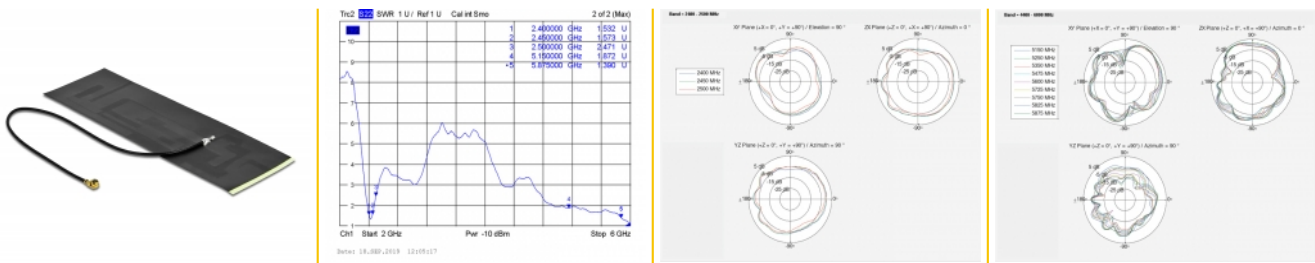
## System requirements

- Device with one free I-PEX Inc., MHF® I port

## Package content

- Antenna

## Images



## General

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

## Interface

Connector 1:	1 x I-PEX Inc., MHF® I plug
--------------	-----------------------------

## Technical characteristics

Frequency range:	617 - 798 MHz 803 - 960 MHz 1452 - 1496 MHz 1710 - 2270 MHz 2300 - 2690 MHz 3300 - 3800 MHz 4200 - 5000 MHz
Antenna gain:	5 dBi
Impedance:	50 Ω
Operating temperature:	-10 °C ~ 55 °C
Polarisation:	linear vertical
VSWR:	3.5 - 4.0

## Physical characteristics

Housing material:	FPC
Cable category:	coaxial
Cable type:	1.13
Cable attenuation:	3.2 dB @ 2.4 GHz per meter
Cable colour:	black
Cable length:	15 cm
Length:	950 mm

Width:	150 mm
Height:	1.6 mm
Smallest bending radius:	4.5 mm
Colour:	black