

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

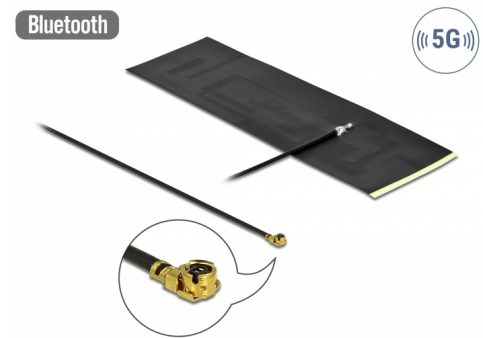
Description

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

Specification

- 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

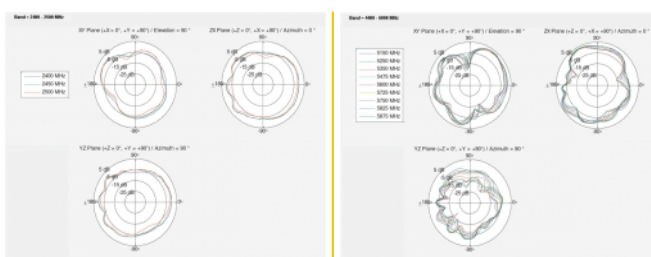
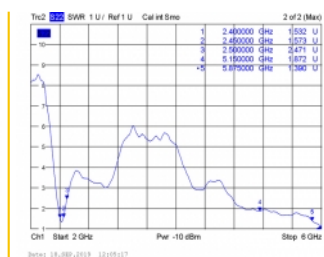
System requirements

- 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
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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