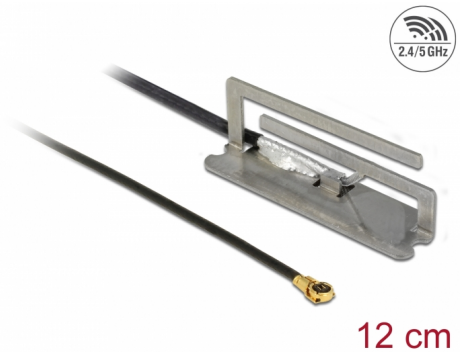


# Delock WLAN 802.11 ac/ax/a/h/b/g/n Antenna I-PEX Inc., MHF® 4L plug 1.6 dBi 1.13 12 cm PIFA internal

## Description

This antenna by Delock allows the usage of the 2.4 GHz + 5 GHz WLAN bands indoors.

PIFA antennas (**P**lanar **I**nverted **F**-Shaped **A**ntenna) are particularly very flat antennas that can be integrated directly on the PCB.



**Item no. 86392**

EAN: 4043619863921

Country of origin: Taiwan,  
Republic of China

Package: Zip poly bag

## Technical details

- Connector: 1 x I-PEX Inc., MHF® 4L plug
- Frequency range:
  - 2400 - 2500 MHz
  - 5150 - 5850 MHz
- Bluetooth, WLAN 2.4 / 5.0 GHz, ZigBee 2.4 GHz, ISM
- Antenna gain: 1.6 dBi
- VSWR: 2.5
- Impedance: 50 Ohm
- Operating temperature: -10 °C ~ 55 °C
- 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. 21.5 x 7.0 x 6.0 mm
- Length incl. connectors (L): ca. 12 cm

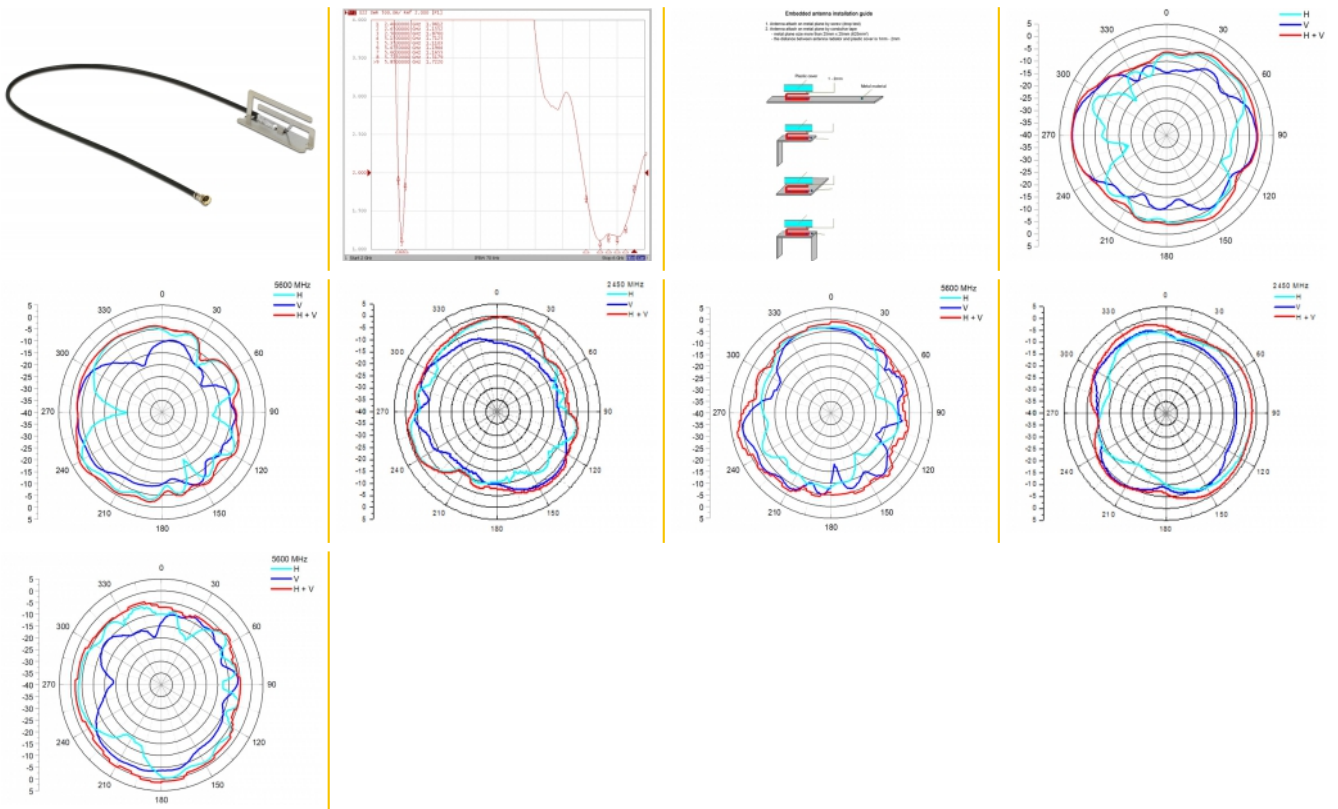
## System requirements

- Device with one free I-PEX Inc., MHF® 4L port

## Package content

- Antenna

## Images



## General

|                      |     |
|----------------------|-----|
| Suitable for indoor: | yes |
|----------------------|-----|

## Interface

|            |                              |
|------------|------------------------------|
| connector: | 1 x I-PEX Inc., MHF® 4L plug |
|------------|------------------------------|

## Technical characteristics

|                        |  |
|------------------------|--|
| Frequency range:       | 5150 MHz - 5875 MHz<br>2400 MHz - 2500 MHz |
| Antenna gain:          | 1.6 dBi                                    |
| Impedance:             | 50 Ω                                       |
| Operating temperature: | -10 °C ~ 55 °C                             |
| VSWR:                  | 2.5  |

## Physical characteristics

|                               |                            |
|-------------------------------|----------------------------|
| Antenna type:                 | PIFA                       |
| Cable category:               | coaxial                    |
| Cable type:                   | 1.13                       |
| Cable attenuation:            | 3.2 dB @ 2.4 GHz per meter |
| Cable colour:                 | black                      |
| Cable length incl. connector: | 12 cm                      |
| Length:                       | 21.5 mm                    |
| Width:                        | 7.0 mm                     |
| Height:                       | 6.0 mm                     |
| Smallest bending radius:      | 4.5 mm                     |