



# Delock LPWAN Antenna 880 - 960 MHz MHF® I plug 2 dBi 1.13 7.5 cm PCB internal self-adhesive

## Description

This antenna by Delock allows the usage of the 880 - 960 MHz band indoors.

### LPWAN

LPWAN (Low Power Wide Area Network) are radio networks that cover large distances. They are characterized by a high reception sensitivity and by a low energy consumption.



## Specification

- Connector: 1 x MHF® I plug
- Frequency range: 880 MHz - 960 MHz
- GSM, LTE, ZigBee, Z-Wave, NB-IoT, ISM, LoRa
- Antenna gain: 2 dBi
- VSWR: 2.0
- Impedance: 50 Ohm
- Mounting type: self-adhesive
- Operating temperature: -10 °C ~ 60 °C
- Housing material: FR4
- 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. 9.52 x 1.30 x 0.12 cm
- Cable length incl. connector: ca. 7.5 cm

## System requirements

- Device with one free MHF® I port

## Package content

- Antenna

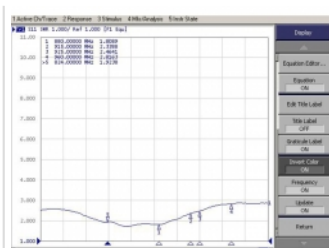
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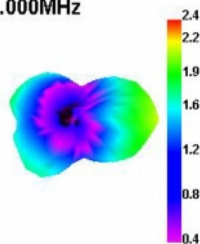
Country of origin: China

Package: • Zip poly bag

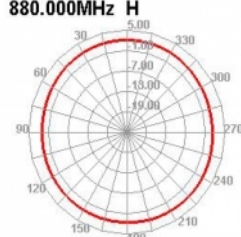
Images



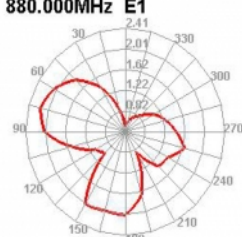
880.000MHz



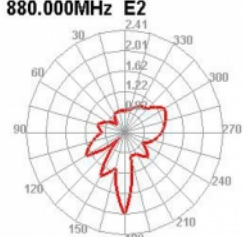
880.000MHz H



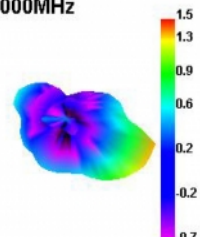
880.000MHz E1



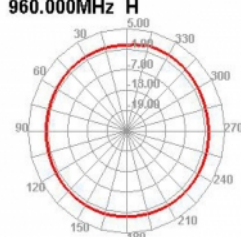
880.000MHz E2



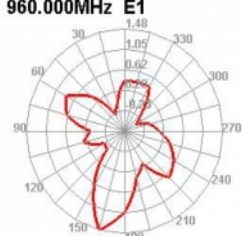
960.000MHz



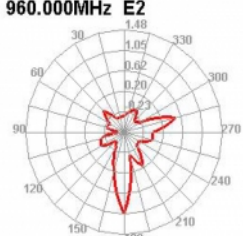
960.000MHz H



960.000MHz E1



960.000MHz E2





| General                   |                 |
|---------------------------|-----------------|
| Mounting type:            | Self adhesive   |
| Interface                 |                 |
| connector:                | 1 x MHF® I plug |
| Technical characteristics |                 |
| Frequency range:          | 880 - 960 MHz   |
| Antenna gain:             | 2 dBi           |
| Impedance:                | 50 $\Omega$     |
| VSWR:                     | 2.0             |
| Physical characteristics  |                 |
| Antenna type:             | PCB             |
| Cable category:           | coaxial cable   |
| Cable type:               | 1.13            |
| Length:                   | 9.52 cm         |
| Width:                    | 1.3 cm          |
| Height:                   | 0.12 cm         |
| Smallest bending radius:  | 4.5 mm          |