

# Delock LPWAN Antenna 880 - 960 MHz I-PEX Inc., 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.



**Item no. 12692**

EAN: 4043619126927

Country of origin: China

Package: Zip poly bag

## Technical details

- Connector: 1 x I-PEX Inc., 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

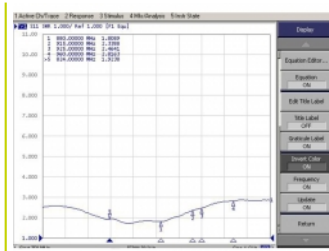
## System requirements

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

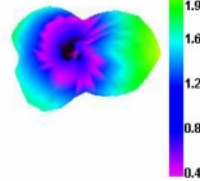
## Package content

- Antenna

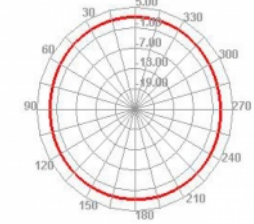
## Images



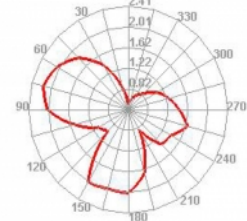
880.000MHz



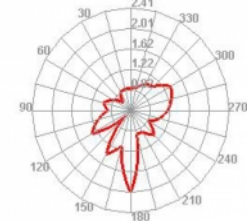
880.000MHz H



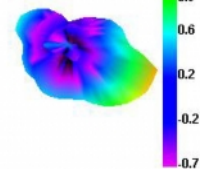
880.000MHz E1



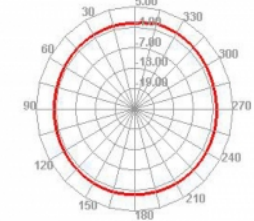
880.000MHz E2



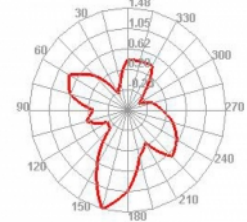
960.000MHz



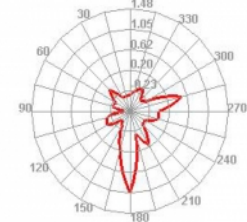
960.000MHz H



960.000MHz E1



960.000MHz E2



## General

Mounting type:	Self adhesive
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## Interface

connector:	1 x I-PEX Inc., MHF® I plug
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## Technical characteristics

Frequency range:	880 - 960 MHz
Antenna gain:	2 dBi
Impedance:	50 Ω
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