

# Delock LPWAN Antenna I-PEX Inc., MHF® I plug 0.96 dBi 1.13 15 cm PCB internal self-adhesive

## Description

This LPWAN antenna by Delock allows the usage of the 863 - 928 MHz band indoors. It is completely compatible to GSM, LTE, ZigBee, Z-Wave, NB-IoT, ISM and LoRa.

### 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.



15 cm

**Item no. 12613**

EAN: 4043619126132

Country of origin: Taiwan,  
Republic of China

Package: Zip poly bag

## Technical details

- Connector: 1 x I-PEX Inc., MHF® I plug
- Frequency range: 863 - 928 MHz
- GSM, LTE, ZigBee, Z-Wave, NB-IoT, ISM, LoRa
- Antenna gain: 0.96 dBi
- VSWR: 2.0
- Impedance: 50 Ohm
- Mounting type: self-adhesive
- Operating temperature: -10 °C ~ 55 °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 (LxW): ca. 65.0 x 20.0 mm
- Cable length incl. connector: ca. 15 cm

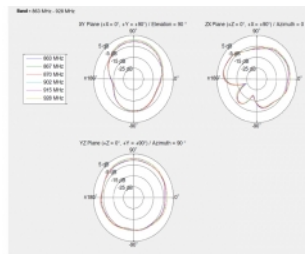
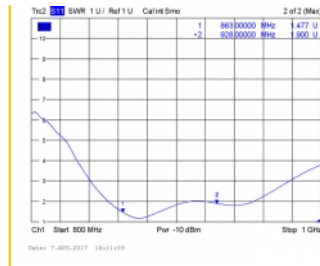
## System requirements

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

Frequency range:	863 MHz - 928 MHz
Antenna gain:	0.96 dBi
Operating temperature:	-10 °C ~ 55 °C
VSWR:	2.0

## Physical characteristics

Antenna type:	FR4
Housing material:	FR4
Cable category:	coaxial
Cable type:	1.13
Cable attenuation:	3.2 dB @ 2.4 GHz per meter
Cable colour:	black
Cable length incl. connector:	15 cm
Length:	65 mm
Width:	20 mm
Smallest bending radius:	4.5 mm
Colour:	black