



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.



Item no. 12613

EAN: 4043619126132 Country of origin: Taiwan, Republic of China

Package: Zip poly bag

Specification

• 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: coaxialCable type: 1.13Cable 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

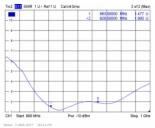
• Device with one free I-PEX Inc., MHF® I port

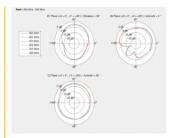
Package content

• Antenna

Images









General

Mounting type:	Self adhesive
Suitable for indoor:	yes
Suitable for outdoor:	no

Interface

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

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