

# Delock LPWAN Antenna MHF® I plug -0.38 dBi 1.13 15 cm FPC 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.



## **Specification**

- Connector: 1 x MHF® I plugFrequency range: 863 928 MHz
- GSM, LTE, ZigBee, Z-Wave, NB-IoT, ISM, LoRa
- Antenna gain: 0.38 dBi
- VSWR: 3.0
- Impedance: 50 Ohm
- · Mounting type: self-adhesive
- Operating temperature: -10 °C ~ 55 °C
- · Housing material: FPC
- · 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. 79,0 x 10,0 mm
- · Cable length incl. connector: ca. 15 cm

#### System requirements

· Device with one free MHF® I port

#### Package content

Antenna

#### Item no. 12614

EAN: 4043619126149

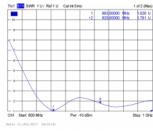
Country of origin: Taiwan, Republic of

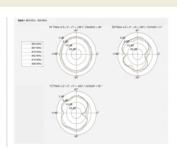
China

Package: Zip poly bag

#### **Images**











Mounting type: Self adhesive  Suitable for indoor: yes  Suitable for outdoor: no  Interface  connector: 1 x MHF® I plug  Technical characteristics  Frequency range: 863 MHz - 928 MHz  Antenna gain: -0.38 dBi  Operating temperature: -10 °C ~ 55 °C  VSWR: 3.0  Physical characteristics  Antenna type: FPC  Housing material: FR4  Cable category: coaxial  Cable tyree: 113	General	
Suitable for outdoor:  Interface  connector:  1 x MHF® I plug  Technical characteristics  Frequency range:  863 MHz - 928 MHz  Antenna gain:  -0.38 dBi  Operating temperature:  -10 ° C ~ 55 ° C  VSWR:  3.0  Physical characteristics  Antenna type:  FPC  Housing material:  FR4  Cable category:  coaxial	Mounting type:	Self adhesive
Interface  connector: 1 x MHF® I plug  Technical characteristics  Frequency range: 863 MHz - 928 MHz  Antenna gain: -0.38 dBi  Operating temperature: -10 °C ~ 55 °C  VSWR: 3.0  Physical characteristics  Antenna type: FPC  Housing material: FR4  Cable category: coaxial	Suitable for indoor:	yes
connector: 1 x MHF® I plug  Technical characteristics  Frequency range: 863 MHz - 928 MHz  Antenna gain: -0.38 dBi  Operating temperature: -10 °C ~ 55 °C  VSWR: 3.0  Physical characteristics  Antenna type: FPC  Housing material: FR4  Cable category: coaxial	Suitable for outdoor:	no
Technical characteristics  Frequency range: 863 MHz - 928 MHz  Antenna gain: -0.38 dBi  Operating temperature: -10 °C ~ 55 °C  VSWR: 3.0  Physical characteristics  Antenna type: FPC  Housing material: FR4  Cable category: coaxial	Interface	
Frequency range: 863 MHz - 928 MHz  Antenna gain: -0.38 dBi  Operating temperature: -10 °C ~ 55 °C  VSWR: 3.0  Physical characteristics  Antenna type: FPC  Housing material: FR4  Cable category: coaxial	connector:	1 x MHF® I plug
Antenna gain:  Operating temperature:  -10 °C ~ 55 °C  VSWR:  3.0  Physical characteristics  Antenna type:  Housing material:  FR4  Cable category:  coaxial	Technical characteristics	
Operating temperature: -10 °C ~ 55 °C  VSWR: 3.0  Physical characteristics  Antenna type: FPC  Housing material: FR4  Cable category: coaxial	Frequency range:	863 MHz - 928 MHz
VSWR: 3.0  Physical characteristics  Antenna type: FPC  Housing material: FR4  Cable category: coaxial	Antenna gain:	-0.38 dBi
Physical characteristics  Antenna type: FPC  Housing material: FR4  Cable category: coaxial	Operating temperature:	-10 °C ~ 55 °C
Antenna type: FPC Housing material: FR4 Cable category: coaxial	VSWR:	3.0
Housing material: FR4 Cable category: coaxial	Physical characteristics	
Cable category: coaxial	Antenna type:	FPC
	Housing material:	FR4
Cable type: 1.13	Cable category:	coaxial
Cable type.	Cable type:	1.13
Cable attenuation: 3.2 dB @ 2.4 GHz per meter	Cable attenuation:	3.2 dB @ 2.4 GHz per meter
Cable colour: black	Cable colour:	black
Cable diameter: 1.13 mm	Cable diameter:	1.13 mm
Cable length incl. connector: 15 cm	Cable length incl. connector:	15 cm
Length: 79 mm	Length:	79 mm
Width: 10 mm	Width:	10 mm
Smallest bending radius: 4.5 mm	Smallest bending radius:	4.5 mm
Colour: black	Colour:	black