

# Delock LPWAN Antenna SMA plug 1 - 2 dBi RG-178 1 m PCB internal self adhesive

## Description

This LPWAN antenna by Delock allows the usage of the NB-IoT bands indoors.

**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. 12620**

EAN: 4043619126200

Country of origin: Taiwan,  
Republic of China

Package: Zip poly bag

## Specification

- Connector: 1 x SMA plug
- Frequency range:  
703 MHz - 824 MHz  
832 MHz - 960 MHz
- ZigBee, Z-Wave, GSM, LTE, NB-IoT, LoRa, ISM
- Antenna gain: 1 - 2 dBi
- VSWR: 3.5
- Impedance: 50 Ohm
- Mounting type: self adhesive
- Operating temperature: -10 °C ~ 55 °C
- Housing material: PCB
- Colour: black
- Cable type: coaxial
- Cable type: RG-178
- Cable colour: black
- Cable diameter: ca. 1.8 mm
- Cable attenuation: 2.9 dB @ 2.4 GHz per meter
- Smallest bending radius: 7.5 mm

- Dimensions (LxW): ca. 85.0 x 25.0 mm
- Cable length incl. connector: ca. 1 m

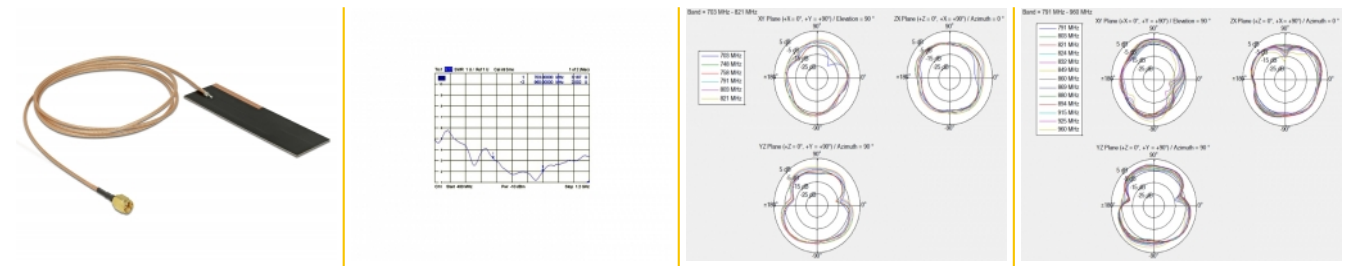
## System requirements

- Device with one free SMA port

## Package content

- Antenna

## Images



## General

Mounting type:	Self adhesive
Suitable for indoor:	yes

## Interface

connector:	1 x SMA plug
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## Technical characteristics

Frequency range:	703 MHz - 824 MHz 832 MHz - 960 MHz
Antenna gain:	1 - 2 dBi
Impedance:	50 $\Omega$
Operating temperature:	-10 °C ~ 55 °C
VSWR:	3.5

## Physical characteristics

Antenna type:	PCB
Housing material:	FR4
Cable category:	coaxial
Cable type:	RG-178
Cable attenuation:	2.9 dB @ 2.4 GHz per meter
Cable colour:	black
Cable length incl. connector:	1 m
Length:	85 mm
Width:	25 mm
Smallest bending radius:	7.5 mm
Colour:	black