

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

Technical details

- 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

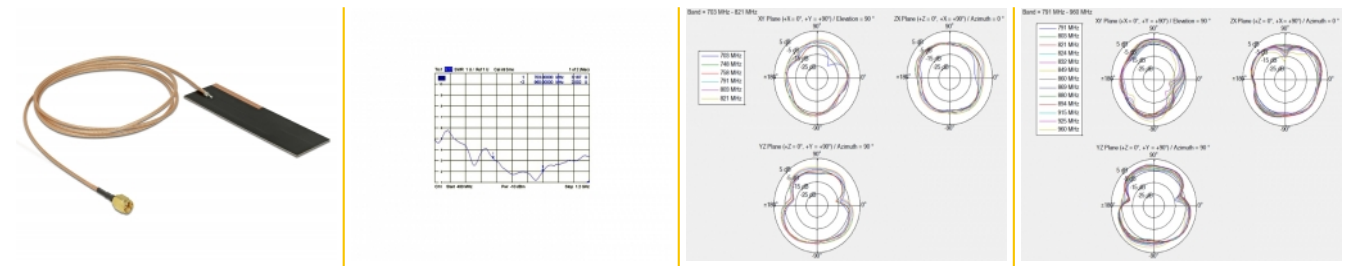
System requirements

- 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 |
|------------|--------------|

Technical characteristics

| | |
|------------------------|--|
| Frequency range: | 703 MHz - 824 MHz 832 MHz - 960 MHz |
| Antenna gain: | 1 - 2 dBi |
| Impedance: | 50 Ω |
| 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 |