

# Delock LPWAN 868 MHz Antenna TNC jack 3 dBi omnidirectional fixed with connection cable RG-58 C/U 3 m wall mounting outdoor silver

## Description

This antenna by Delock allows the usage of the 868 MHz band indoors and outdoors.

LPWAN (Low Power Wide Area Network) are radio networks that cover large distances. They are characterized by a high reception sensitivity and a low energy consumption.



**Item no. 12564**

EAN: 4043619125647

Country of origin: China

Package: White Box

## Technical details

- Connector: 1 x TNC jack
- Frequency range: 868 MHz
- Antenna gain: 3 dBi
- Impedance: 50 Ohm
- VSWR: 1.5
- Polarisation: vertical
- Operating temperature: -50 °C ~ 70 °C
- Housing material: steel
- Colour: silver
- Cable: coaxial
- Cable type: RG-58 C/U
- Cable attenuation: 0.73 dB @ 1.0 GHz per meter
- Cable diameter: ca. 4.95 mm
- Smallest bending radius: 20 mm
- Cable length incl. connectors: ca. 3.0 m
- Dimensions (LxD): ca. 230.0 x 19.1 mm

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## System requirements

- Device with one free TNC port

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## Package content

- Antenna
- Wall mounting brackets

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## Images



## General

|                       |               |
|-----------------------|---------------|
| Mounting type:        | Wall mounting |
| Suitable for outdoor: | yes           |

## Interface

|            |          |
|------------|----------|
| connector: | TNC jack |
|------------|----------|

## Technical characteristics

|                        |                |
|------------------------|----------------|
| Frequency range:       | 868 MHz        |
| Gain:                  | 3 dBi          |
| Impedance:             | 50 Ω           |
| Operating temperature: | -50 °C ~ 70 °C |
| Polarisation:          | vertical       |
| VSWR:                  | 1.5            |

## Physical characteristics

|                               |                             |
|-------------------------------|-----------------------------|
| Antenna type:                 | Groundplane                 |
| Cable category:               | coaxial                     |
| Cable type:                   | RG-58 C/U                   |
| Cable attenuation:            | 0.73 dB @ 1.0 GHz per meter |
| Cable colour:                 | black                       |
| Cable length incl. connector: | 3.0 m                       |
| Smallest bending radius:      | 20 mm                       |
| Colour:                       | silver                      |
| Dimensions (LxØ):             | 230.0 x 19.1 mm             |