

Delock LPWAN 868 MHz Antenna SMA plug 4.5 dBi fixed omnidirectional with connection cable RG-58 C/U 2.5 m outdoor black

Description

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

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. 12722

EAN: 4043619127221

Country of origin: China

Package: White Box

Specification

- Connector: 1 x SMA plug
- Frequency range: 868 MHz
- LoRa, Sigfox, ZigBee, Z-Wave
- Antenna gain: 4.5 dBi
- Impedance: 50 Ohm
- VSWR: 1.5
- Polarisation: vertical
- HBW horizontal beamwidth: 360°
- Operating temperature: -50 °C ~ 70 °C
- Mounting plate: iron
- Colour: black
- Cable type: 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: 20,00 mm
- Cable length incl. connectors: ca. 2.5 m

- Dimensions (LxD): ca. 210 x 33 mm
- Dimensions Mounting plate (LxWxH): ca. 170 x 40 x 20 mm
- Maximum wind speed: 60 m/s

System requirements

- Device with a free SMA connector

Package content

- Antenna
- Fixing plate

Images



General

Suitable for outdoor:	yes
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Interface

connector:	1 x SMA plug
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Technical characteristics

Frequency range:	868 MHz
Antenna gain:	4.5 dBi
Impedance:	50 Ω
Operating temperature:	-50 °C ~ 70 °C
Polarisation:	vertical
Power handling:	100 W

Physical characteristics

Weight:	0.19 kg
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:	2.5 m
Smallest bending radius:	20 mm
Dimensions (LxØ):	210 x 33 mm
Maximum wind speed:	60 m/s