

# LTE MIMO Antenna 2 x SMA Plug 8 dBi directional with connection cable RG-58 5 m white outdoor

## Description

This MIMO antenna by Delock allows the usage of different LTE bands indoors and outdoors. It is completely compatible to GSM, UMTS, LTE, ZigBee, DECT, Z-Wave, NB-IoT, WLAN, Bluetooth and LoRa 868 MHz / 915 MHz.



2 x 5 m

**Item no. 89890**

EAN: 4043619898909

Country of origin: China

Package: Retail Box

## Technical details

- Connectors: 2 x SMA plug
- GSM, UMTS, LTE, ZigBee, DECT, Z-Wave, NB-IoT, WLAN, Bluetooth, LoRa 868 MHz / 915 MHz, MIMO
- Frequency range:
  - 698 - 960 MHz
  - 1710 - 2700 MHz
- Antenna gain: 8 dBi
- Impedance: 50 Ohm
- VSWR: 2.0
- Polarisation: vertical, horizontal
- HBW horizontal beamwidth: 75°
- VBW vertical beamwidth: 65°
- Cable type: RG-58
- Cable length incl. connectors: ca. 5 m
- Operating temperature: -40 °C ~ 65 °C
- Housing material: ABS
- Weight: ca. 0.7 kg
- Dimensions (LxWxH): ca. 23.7 x 22.9 x 5.0 cm
- Max. Pole diameter: ca. 5.5 cm

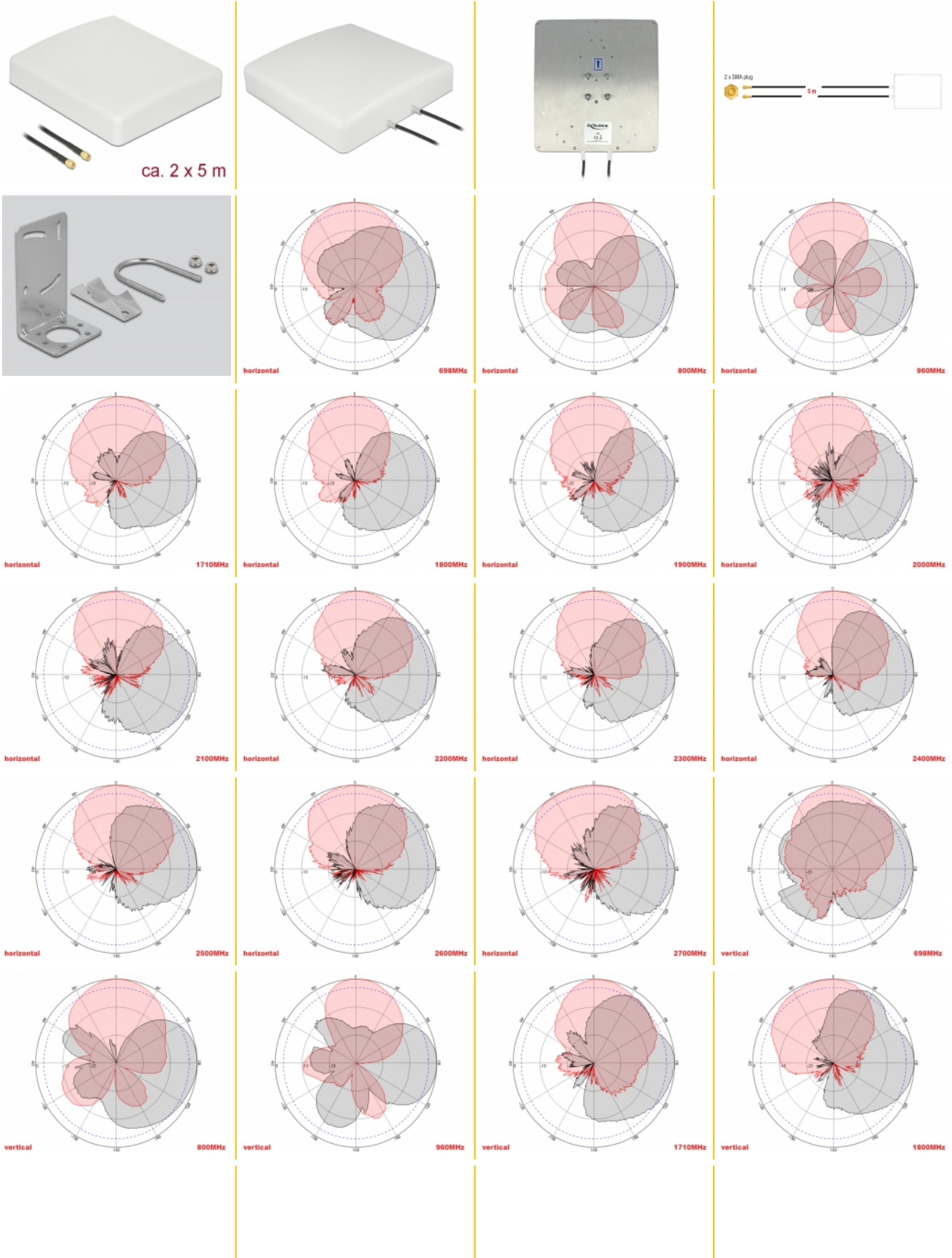
## System requirements

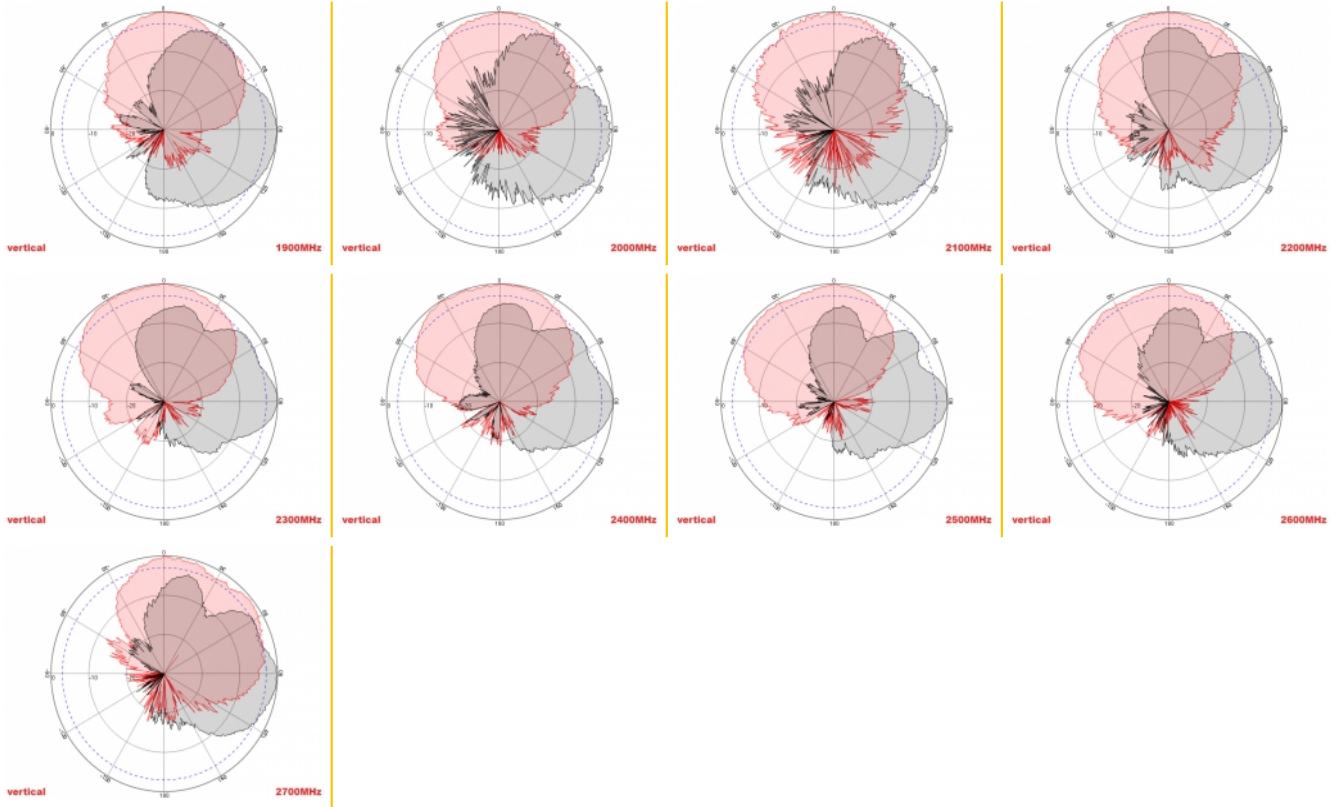
- Device with two free SMA connectors
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## Package content

- Antenna
- Mounting material:  
Nut, washer, mounting bracket and pole mounting bracket

Images





## General

|                       |              |
|-----------------------|--------------|
| Mounting type:        | wall<br>pole |
| Suitable for indoor:  | yes          |
| Suitable for outdoor: | yes          |

## Interface

|            |              |
|------------|--------------|
| Connector: | 2 x SMA plug |
|------------|--------------|

## Technical characteristics

|                        |                        |
|------------------------|------------------------|
| Frequency range:       | 1710 - 2700 MHz        |
| Antenna gain:          | 8 dBi                  |
| Beam width horizontal: | 75°                    |
| Beam width vertical:   | 65°                    |
| Impedance:             | 50 Ω                   |
| Operating temperature: | -40 °C ~ 60 °C         |
| Polarisation:          | vertical<br>horizontal |
| Transmission power:    | 50 W                   |
| VSWR:                  | 2.0                    |

## Physical characteristics

|                    |                          |
|--------------------|--------------------------|
| Antenna type:      | directional              |
| Housing material:  | ABS                      |
| Weight:            | 0.7 kg                   |
| Cable type:        | RG-58                    |
| Cable attenuation: | 0.6 dB @ 1 GHz per meter |
| Cable colour:      | black                    |

|                                |         |
|--------------------------------|---------|
| Cable length incl. connectors: | 5 m     |
| Length:                        | 23.7 cm |
| Width:                         | 22.9 cm |
| Height:                        | 5.0 cm  |
| Colour:                        | white   |

### Manufacturer information

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