

# Delock 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
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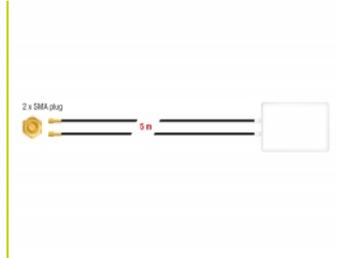
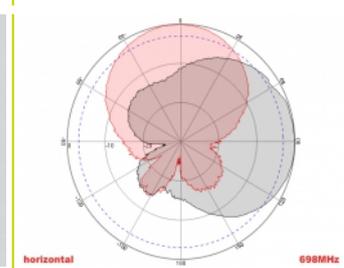
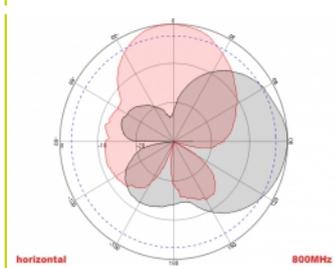
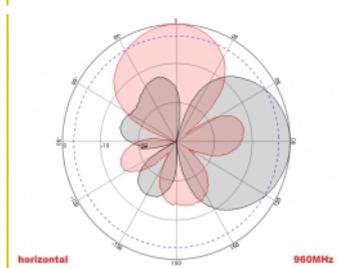
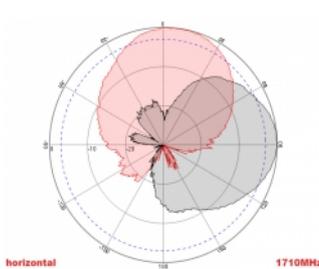
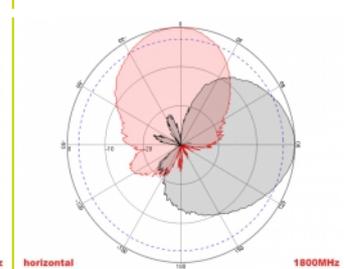
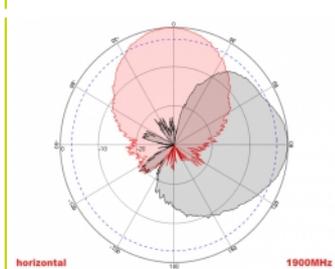
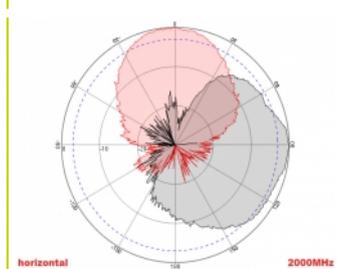
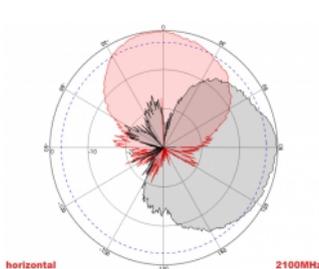
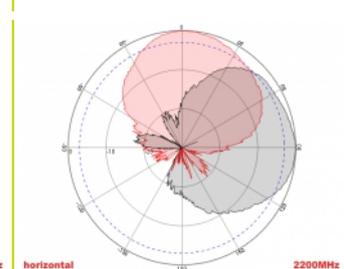
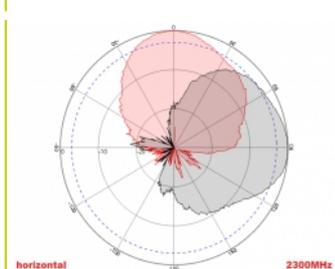
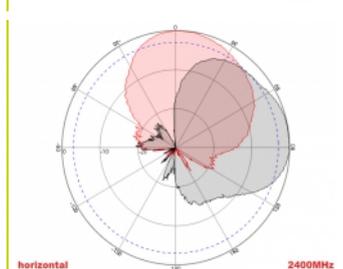
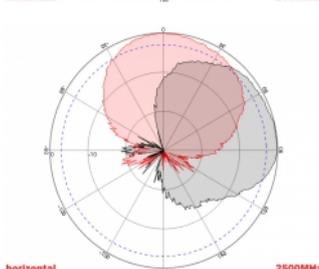
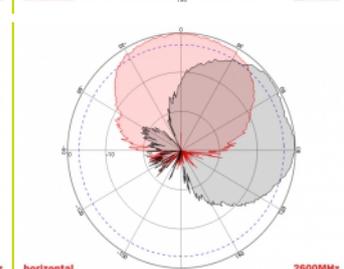
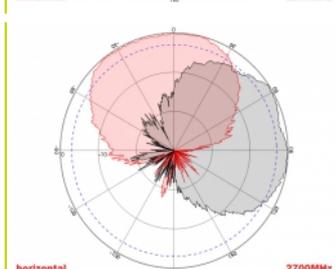
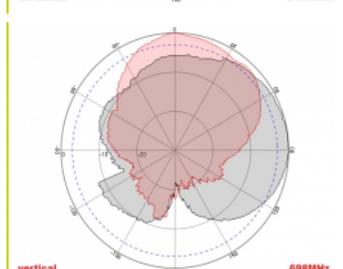
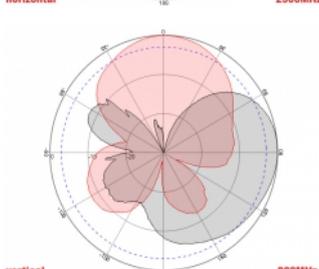
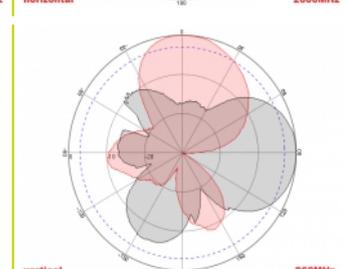
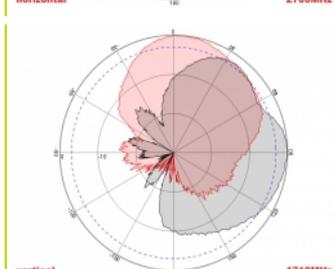
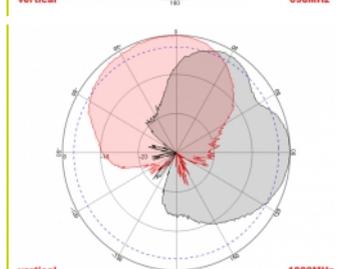
## System requirements

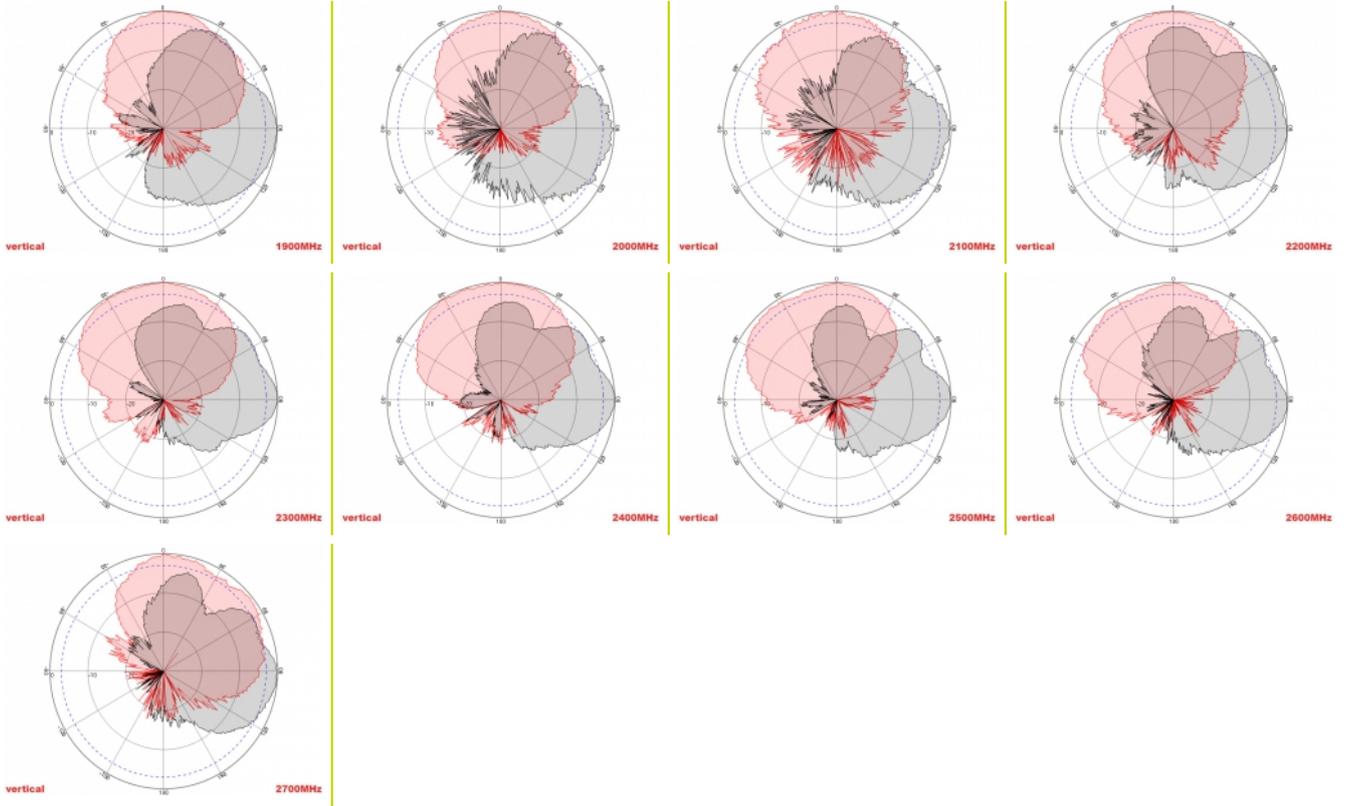
- Device with two free SMA connectors
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## Package content

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

# Images

 <p>ca. 2 x 5 m</p>			
	 <p>horizontal 698MHz</p>	 <p>horizontal 800MHz</p>	 <p>horizontal 960MHz</p>
 <p>horizontal 1710MHz</p>	 <p>horizontal 1800MHz</p>	 <p>horizontal 1900MHz</p>	 <p>horizontal 2000MHz</p>
 <p>horizontal 2100MHz</p>	 <p>horizontal 2200MHz</p>	 <p>horizontal 2300MHz</p>	 <p>horizontal 2400MHz</p>
 <p>horizontal 2500MHz</p>	 <p>horizontal 2600MHz</p>	 <p>horizontal 2700MHz</p>	 <p>vertical 698MHz</p>
 <p>vertical 800MHz</p>	 <p>vertical 960MHz</p>	 <p>vertical 1710MHz</p>	 <p>vertical 1800MHz</p>



## General

Mounting type:	pole wall
Suitable for indoor:	yes
Suitable for outdoor:	yes

## Technical characteristics

Frequency range:	1710 - 2700 MHz 698 MHz - 960 MHz
Antenna gain:	8 dBi
Beam width horizontal:	75°
Beam width vertical:	65°
Impedance:	50 Ω
Operating temperature:	-40 °C ~ 60 °C
Polarisation:	vertical horizontal
Power handling:	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. connector:	5 m
Length:	23.7 cm

Width:	22.9 cm
Height:	5.0 cm
Colour:	white