

# Delock LTE MIMO Dual Band WLAN 802.11 ac/ax/a/h/b/g/n Antenna 3 x SMA plug RG-174 1 m screw mounting outdoor black

## **Description**

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



Item no. 12676

EAN: 4043619126767 Country of origin: China

Package: Box

### **Specification**

• Connectors: 3 x SMA plug

• 2 x LTE:

Frequency range:

698 MHz - 960 MHz

1710 MHz - 2690 MHz

Impedance: 50 Ohm

VSWR: 3.0

Antenna gain: 2.0 - 2.5 dBi

Polarisation: linear

• WLAN:

Frequency range:

2400 MHz - 2483 MHz

4900 MHz - 5825 MHz

Impedance: 50 Ohm

VSWR: 2.0

#### DATASHEET



Antenna gain: 3 dBi Polarisation: linear

• Mounting type: screw mounting

• Operating temperature: -40 °C ~ 85 °C

Housing material: ABSProtection class: IP67

• Colour: black

Cable type: coaxialCable type: RG-174Cable colour: black

• Cable diameter: ca. 2.7 mm

• Cable attenuation: 1.5 dB @ 1.5 GHz per meter

Smallest bending radius: 10.5 mm
Cable length incl. connector: ca. 1 m
Dimensions (Ø x H): ca. 81.3 x 16.3 mm

## System requirements

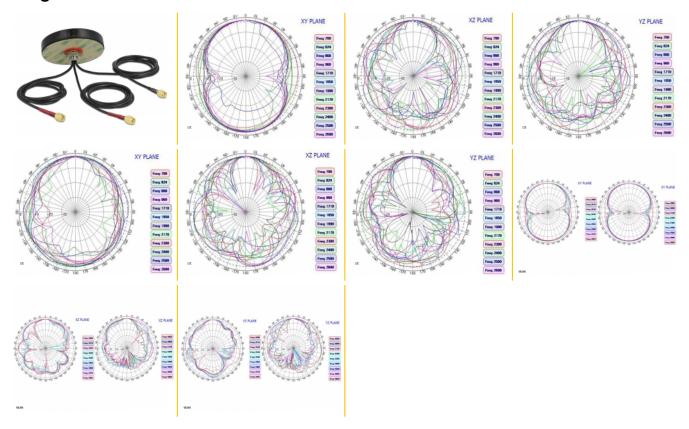
• Device with multiple free SMA ports

## **Package content**

• Antenna



# **Images**





#### General

Mounting type:	Screw mounting
Protection category:	IP67
Suitable for outdoor:	yes

## Interface

Connector 1:	2 x SMA male for LTE
Connector 2:	1 x SMA plug for WLAN

## **Technical characteristics**

Frequency range:	698 MHz - 960 MHz 4900 MHz - 5825 MHz 1710 MHz - 2690 MHz 2400 MHz - 2483 MHz
Antenna gain:	LTE MIMO: 2.5 dBi WLAN: 3 dBi
Impedance:	50 Ω
Operating temperature:	-40 °C ~ 85 °C
Polarisation:	linear
VSWR:	LTE MIMO: 3.0 WLAN: 2.0

# **Physical characteristics**

Housing material:	ABS
Cable category:	coaxial
Cable type:	RG-174
Cable attenuation:	1.5 dB @ 1.5 GHz per meter
Cable colour:	black
Cable length incl. connector:	1 m





Diameter:	83.3 mm
Height:	16.3 mm
Smallest bending radius:	10.5 mm
Colour:	black
Thread type:	M12