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

Antenna gain: 3 dBi

Polarisation: linear

- Mounting type: screw mounting
- Operating temperature: -40 °C ~ 85 °C
- Housing material: ABS
- Protection class: IP67
- Colour: black
- Cable type: coaxial
- Cable type: RG-174
- Cable 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
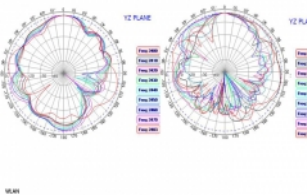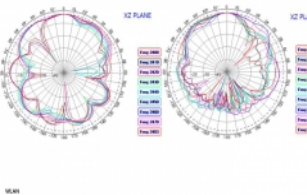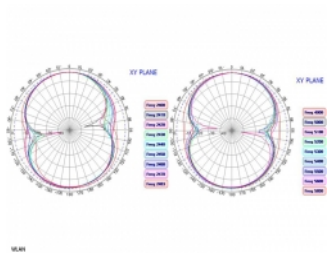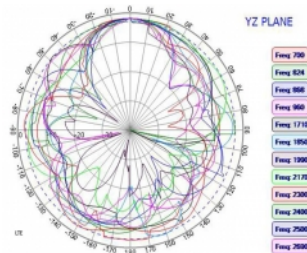- Dimensions (Ø x H): ca. 81.3 x 16.3 mm

System requirements

- Device with multiple free SMA ports

Package content

- Antenna

Images
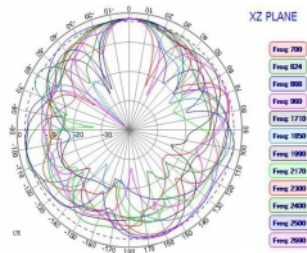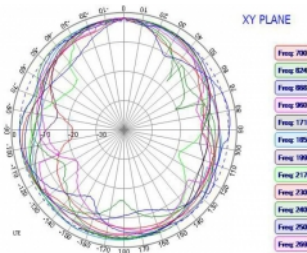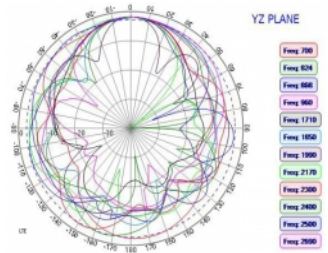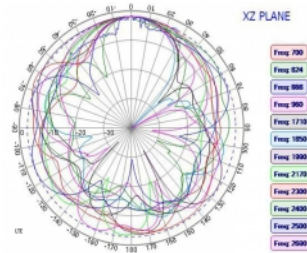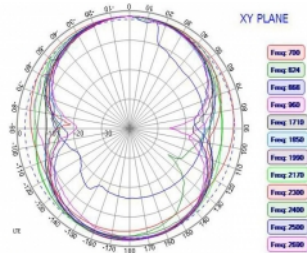
General

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

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