5G LTE GNSS WiFi 6 MIMO Antenna 2 x SMA plug 2.1 - 3.0 dBi omnidirectional with magnetic base and connection cable ULA100 1 m outdoor black

Description

This antenna by Delock allows the usage of different 5G Sub-6G bands indoors and outdoors. It is completely compatible to GSM, UMTS, LTE, ZigBee, DECT, Z-Wave, NB-IoT, WLAN, Bluetooth, ISM, DECT and LoRa.

5G the new mobile radio standard

5G unlike its predecessors LTE (4G) and UMTS (3G) will use more and wider frequency spectrums. The 5G standard promises more throughput, capacity and low latency.



2 x 1 m

Item no. 81485

EAN: 4043619814855

Country of origin: Taiwan, Republic of China

Package: Box

Technical details

- Connector: 2 x SMA plug
- Frequency range:
  617 - 798 MHz
  803 - 960 MHz
  1166 - 1610 MHz
  1710 - 2200 MHz
  2300 - 2690 MHz
  3300 - 5000 MHz
  5150 - 5925 MHz
- Antenna gain: 2.1 - 3.0 dBi
- Impedance: 50 Ohm
- VSWR:
- Operating temperature: -40 °C ~ 85 °C
- Housing material: PC
- Protection class: IP67
- Colour: black
- Cable type: coaxial
- Cable type: ULA100
- Cable colour: black
- Cable diameter: ca. 2.8 mm

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- Cable attenuation: 0.98 dB @ 1500 MHz per meter
- Smallest bending radius: 14 mm
- Cable length incl. connectors: ca. 1 m
- Dimensions (LxWxH): ca. 126.8 x 56.8 x 52.0 mm

System requirements

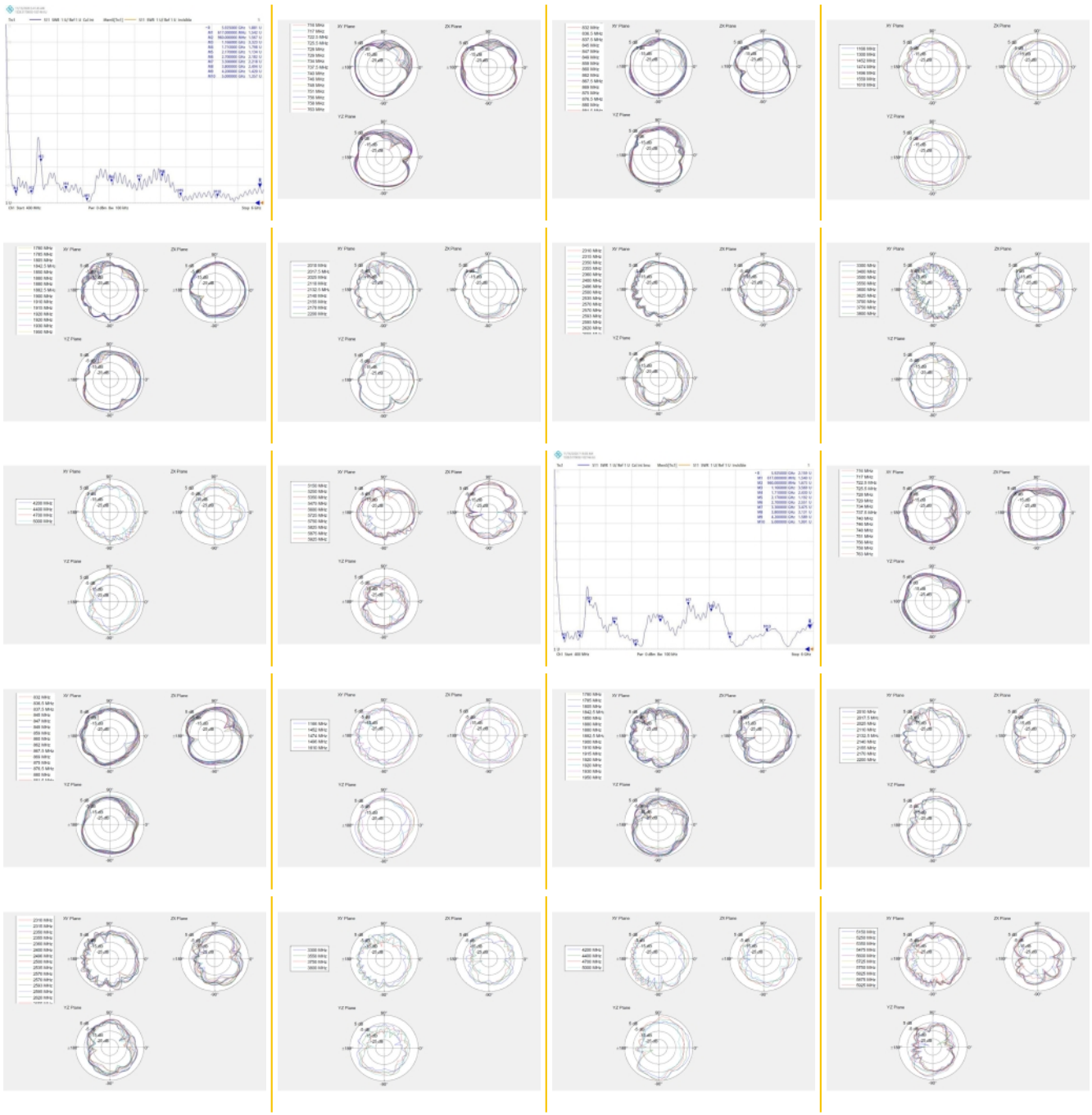
- Device with two free SMA connectors

Package content

- Antenna

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Images



General

Mounting type:	magnetic
Protection class:	IP67
Suitable for outdoor:	yes

Interface

Connector 1:	1 x SMA plug
Connector 2:	1 x SMA plug

Technical characteristics

Frequency range:	1710 - 2200 MHz 617 - 798 MHz 803 - 960 MHz 2300 - 2690 MHz 3300 - 5000 MHz 1166 - 1610 MHz 5150 - 5925 MHz
Antenna gain:	2.1 - 3.0 dBi
Impedance:	50 Ohm
Operating temperature:	-40 °C ~ 85 °C
VSWR:	< 3.0 - < 4.0

Physical characteristics

Antenna type:	PIFA
Housing colour:	black
Housing material:	PC
Weight:	165 g
Cable category:	coaxial
Cable type:	ULA 100
Cable attenuation:	0.98 dB @ 1500 MHz per meter

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Length:	126.8 mm
Width:	56.8 mm
Height:	52 mm

Manufacturer information

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