

Delock GSM / UMTS Antenna SMA plug 0.7 - 1.6 dBi ULA100 1 m omnidirectional fixed outdoor black

Description

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



Item no. 12544

EAN: 4043619125449

Country of origin: Taiwan,
Republic of China

Package: Retail Box

Technical details

- Connectors: 1 x SMA plug
- Frequency range:
 - 824 - 960 MHz
 - 1710 MHz - 2170 MHz
- GSM, UMTS, LTE, LoRa, NB-IoT, DECT, Z-Wave, ZigBee
- Antenna gain:
 - 824 - 960 MHz: 0.7 dBi
 - 1710 - 2170 MHz: 1.6 dBi
- Impedance: 50 Ohm
- VSWR:
 - 824 - 960 MHz: 4.0
 - 1710 - 2170 MHz: 2.5
- Polarisation: linear, vertical
- Operating temperature: -40 °C ~ 85 °C
- Housing material: polycarbonate
- Protection class: IP67
- Colour: black
- Cable: coaxial

- Cable type: ULA 100
- Cable colour: black
- Cable diameter: ca. 2.79 mm
- Cable attenuation: 1.4 dB @ 2500 MHz per meter
- Smallest bending radius: 14 mm
- Cable length incl. connector: ca. 1 m
- Dimensions (LxD): ca. 77 x 45 mm

System requirements

- Device with a free SMA jack

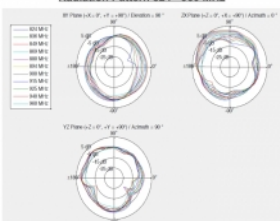
Package content

- Antenna

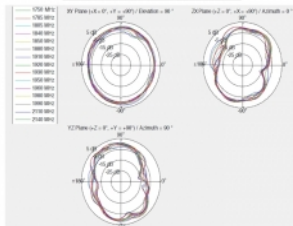
Images



Radiation Pattern 824 - 960 MHz



Radiation Pattern 1750 - 2140 MHz



General

Protection category:	IP67
Suitable for indoor:	yes
Suitable for outdoor:	yes

Interface

connector:	1 x SMA plug
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Technical characteristics

Frequency range:	824 MHz - 960 MHz 1710 MHz - 2170 MHz
Antenna gain:	0.7 dBi 1.6 dBi
Impedance:	50 Ω
Polarisation:	linear vertical
VSWR:	2.5 4.0

Physical characteristics

Housing material:	Polycarbonat
Cable category:	coaxial
Cable type:	ULA 100
Cable attenuation:	0.98 dB @ 1500 MHz per meter
Cable colour:	black
Cable length incl. connector:	1 m
Diameter:	45 mm
Smallest bending radius:	14 mm
Colour:	black