

Delock LTE / GSM / UMTS Antenna SMA plug 3 dBi fixed omnidirectional with magnetic base and connection cable RG-174 2 m outdoor black

Description

This antenna by Delock allows the usage of different LTE, GSM and UMTS bands inside and outside. It is completely compatible to Bluetooth, WLAN 2.4 GHz, ZigBee, DECT, Z-Wave and LoRa 868 MHz / 915 MHz.



2 m

Item no. 12416

EAN: 4043619124169

Country of origin: Taiwan,
Republic of China

Package: Poly bag

Technical details

- Connector: 1 x SMA plug
- Frequency range:
800 - 960 MHz
1710 - 2700 MHz
- GSM, UMTS, Bluetooth, WLAN 2.4 GHz, ZigBee, DECT, Z-Wave,
LoRa 868 MHz / 915 MHz
- Antenna gain: 3 dBi
- Impedance: 50 Ohm
- Polarisation: vertical
- VSWR: 2.0
- Operating temperature: -30 °C ~ 70 °C
- Colour: black
- Antenna length including magnetic base: ca. 88.7 mm
- Cable: coaxial
- Cable type: RG-174
- Cable colour: black

- Cable loss: 1.5 dB @ 1.5 GHz per meter
 - Cable diameter: ca. 2.7 mm
 - Cable length incl. connector: ca. 2 m
 - Diameter magnetic base: ca. 29.0 mm
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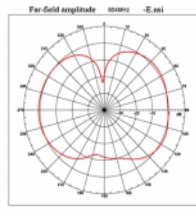
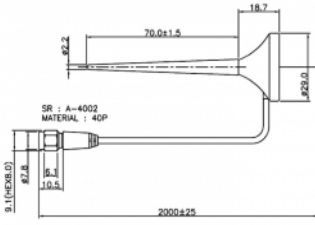
System requirements

- Device with a free SMA jack
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Package content

- Antenna

Images



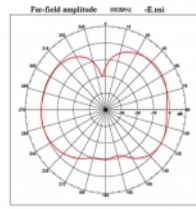
Amplitude [dB] vs. Angle [°]

Frequency: 100000 Hz

Material: 40P

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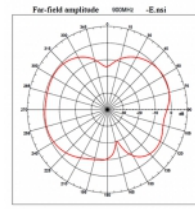
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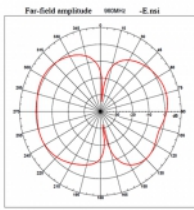
Amplitude [dB] vs. Angle [°]

Frequency: 100000 Hz

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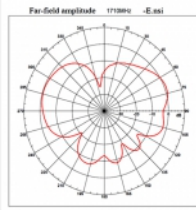
Amplitude [dB] vs. Angle [°]

Frequency: 170000 Hz

Material: 40P

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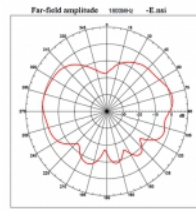
Amplitude [dB] vs. Angle [°]

Frequency: 170000 Hz

Material: 40P

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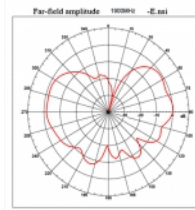
Amplitude [dB] vs. Angle [°]

Frequency: 200000 Hz

Material: 40P

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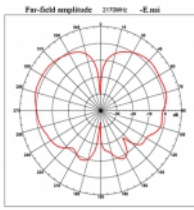
Amplitude [dB] vs. Angle [°]

Frequency: 200000 Hz

Material: 40P

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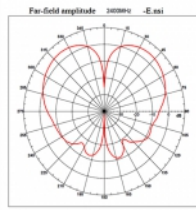
Amplitude [dB] vs. Angle [°]

Frequency: 270000 Hz

Material: 40P

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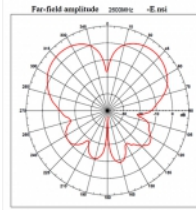
Amplitude [dB] vs. Angle [°]

Frequency: 270000 Hz

Material: 40P

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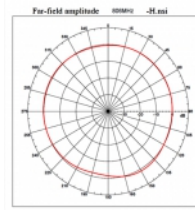
Amplitude [dB] vs. Angle [°]

Frequency: 300000 Hz

Material: 40P

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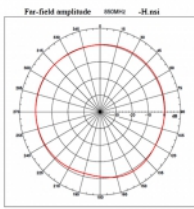
Amplitude [dB] vs. Angle [°]

Frequency: 300000 Hz

Material: 40P

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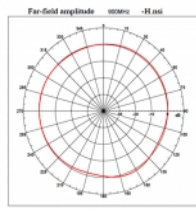
Amplitude [dB] vs. Angle [°]

Frequency: 300000 Hz

Material: 40P

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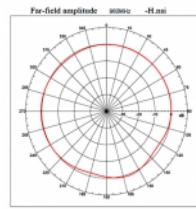
Amplitude [dB] vs. Angle [°]

Frequency: 300000 Hz

Material: 40P

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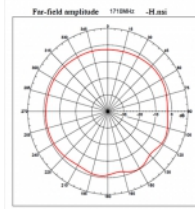
Amplitude [dB] vs. Angle [°]

Frequency: 300000 Hz

Material: 40P

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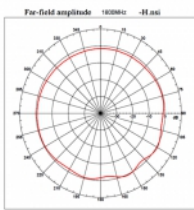
Amplitude [dB] vs. Angle [°]

Frequency: 300000 Hz

Material: 40P

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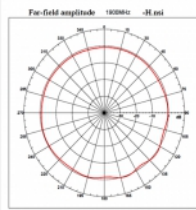
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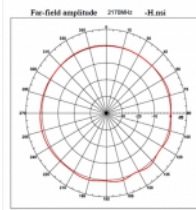
Amplitude [dB] vs. Angle [°]

Frequency: 300000 Hz

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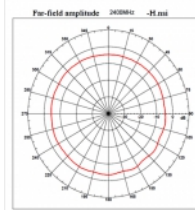
Amplitude [dB] vs. Angle [°]

Frequency: 300000 Hz

Material: 40P

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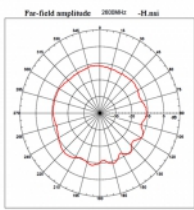
Amplitude [dB] vs. Angle [°]

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Amplitude [dB] vs. Angle [°]

Frequency: 300000 Hz

Material: 40P

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General

Mounting type:	magnetic
Suitable for indoor:	yes
Suitable for outdoor:	yes

Interface

connector:	1 x SMA plug
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Technical characteristics

Frequency range:	1710 - 2700 MHz 800 - 960 MHz
Antenna gain:	3 dBi
Gain:	0 - 3 dBi
Impedance:	50 Ω
Operating temperature:	-30 °C ~ 70 °C
Polarisation:	vertical
VSWR:	2.0

Physical characteristics

Antenna type:	omnidirectional
Antenna length incl. magnetic base:	88.7 mm
Diameter magnetical base:	29 mm
Height magnetical base:	18.7 mm
Cable category:	coaxial
Cable type:	RG-174
Cable attenuation:	1.5 dB @ 1.5 GHz per meter
Cable colour:	black

Cable length incl. connector:	2 m
Connector finishing:	gold-plated
Colour:	black