

Delock LTE Antenna SMA plug 2 - 6,5 dBi 27 cm omnidirectional fixed pole mount white outdoor

Description

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



Specification

- Connector: 1 x SMA plug
- Frequency range:
 - 698 - 960 MHz
 - 1710 - 2700 MHz
- ZigBee, Bluetooth, WLAN 2.4 GHz, DECT, Z-Wave, LoRa 868 MHz / 915 MHz
- Antenna gain: 2 - 6.5 dBi
- Impedance: 50 Ohm
- VSWR: 2.0
- Polarisation: vertical
- HBW horizontal beamwidth: 360°
- VBW vertical beamwidth: 60°
- Transmission power: max. 100 W
- Antenna type: rod antenna
- Operating temperature: -40 °C ~ 70 °C
- Housing material: GFRP UV resistant
- Colour: white
- Cable: coaxial
- Cable type: RG-174
- Cable colour: black
- Cable diameter: ca. 2.7 mm
- Cable length: ca. 30 cm
- Antenna length: ca. 28 cm
- Diameter:
 - ca. 22.00 mm (max.)
 - ca. 9.00 mm (SMA)

System requirements

- Device with a free SMA jack

Package content

- LTE antenna

Item no. 12433

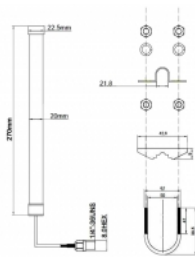
EAN: 4043619124336

Country of origin: Taiwan, Republic of China

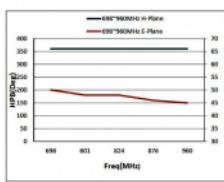
Package: Poly bag



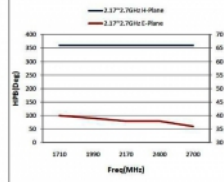
Images



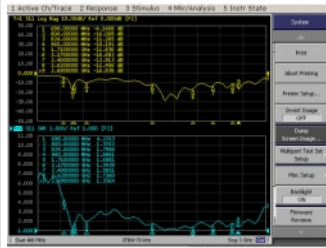
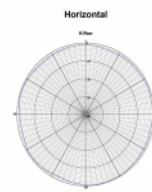
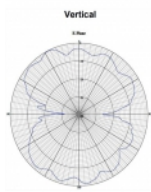
H-Plane	
MHz	HPBW(Deg)
698	360
800	360
960	360
Average	360



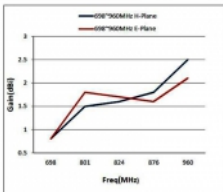
H-Plane	
MHz	HPBW(Deg)
1710	360
2170	360
2400	360
2700	360
Average	360



E-Plane	
MHz	HPBW(Deg)
698	50
800	48
960	45
Average	47.7

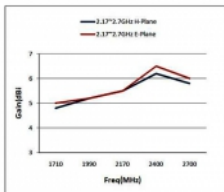


H-Plane	
MHz	dBi
698	0.8
800	1.5
960	2.5
Average	1.6



E-Plane	
MHz	dBi
698	0.8
800	1.8
960	2.1
Average	1.57

H-Plane	
MHz	dBi
1710	4.8
2170	5.5
2400	6.2
2700	5.8
Average	5.58



E-Plane	
MHz	dBi
1710	5
2170	5.5
2400	6.5
2700	6
Average	5.55

General	
Mounting type:	pole
Protection category:	without
Suitable for indoor:	yes
Suitable for outdoor:	yes
Interface	
connector:	SMA plug
Technical characteristics	
Frequency range:	1710 - 2700 MHz 698 MHz - 960 MHz
Antenna gain:	2 - 6.5 dBi
Beam width horizontal:	360°
Beam width vertical:	60°
Impedance:	50 Ω
Operating temperature:	-40 °C ~ 70 °C
Polarisation:	vertical
Power handling:	max. 100 W
VSWR:	2.0
Physical characteristics	
Housing colour:	white
Housing material:	GFRP
Weight:	0.12 kg
Cable category:	coaxial cable
Cable type:	RG-174
Cable attenuation:	0.5 dB @ 800 MHz per meter
Cable colour:	black
Cable diameter:	2.7 mm
Cable length incl. connector:	30 cm
Diameter:	2.25 cm
Length:	29.5 cm
Width:	21 cm
Height:	6.3 cm