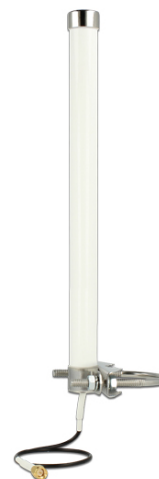




Delock LTE Antenna SMA 2.5 - 6 dBi omnidirectional fixed pole mount white outdoor

Description

This LTE antenna can be installed indoors and outdoors and can be used for reception of different LTE bands. It is fully compatible to UMTS, GSM, Bluetooth, ZigBee, Z-Wave, DECT and WLAN 2.4 GHz.



Specification

- Connector: SMA plug
- Frequency range: 698 - 960 MHz, 1710 - 2700 MHz
- LTE Band: 1 - 10, 12 - 20, 23, 25-30/33-41/44
- GSM 710/750/850/900/1800/1900
- UMTS Band I-VI/VIII-X/XII/XIII/XIX
- Bluetooth, WLAN 2.4 GHz, ZigBee, DECT, Z-Wave
- Gain: 2.5 - 6 dBi
- Power handling: max. 100 W
- Impedance: 50 Ohm
- VSWR: 2.0:1
- Operating temperature: -40°C ~ 70°C
- Cable category: coaxial
- Cable type: RG-58
- Cable length: 30 cm
- Cable diameter: 5 mm
- Cable colour: black
- Protection class: IP55
- Body: GFK, UV protected
- Length: ca. 27.0 cm
- Diameter: ca. 2.2 cm
- Diameter SMA: ca. 0.9 cm

System requirements

- Device with SMA connector

Package content

- Antenna

Item No. 12433

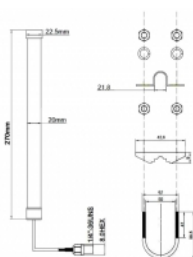
EAN: 4043619124336

Country of origin: Taiwan, Republic of China

Package: Poly bag

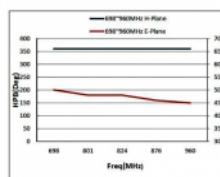


Images



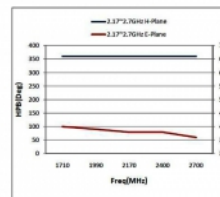
H-Plane	MHz	HPBW(Deg)
698	360	
800	360	
960	360	
Average		360

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



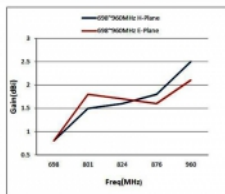
H-Plane	MHz	HPBW(Deg)
1710	360	
2170	360	
2400	360	
2700	360	
Average		360

E-Plane	MHz	HPBW(Deg)
1710	40	
2170	38	
2400	38	
2700	36	
Average		38



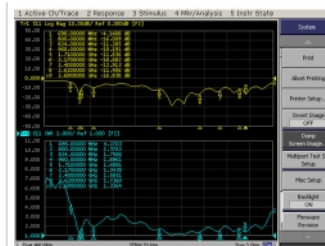
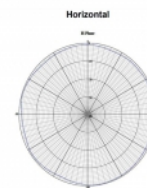
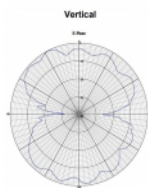
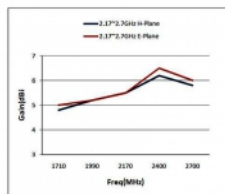
H-Plane	MHz	dBi
698	0.8	
800	1.5	
960	2.5	
Average		1.6

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		5.75





General

Mounting type:	pole mounted
Suitable for indoor:	yes
Suitable for outdoor:	yes
Operating temperature:	-40 °C ~ 70 °C

Interface

Connection:	SMA plug
-------------	----------

Technical characteristics

Frequency range:	1.71 GHz - 2.70 GHz 698 - 960 MHz
Gain:	2.5 - 6 dBi
Horizontal beam form:	360°
Impedance:	50 Ohm
Polarisation:	linear vertical
Power handling:	max. 100 W
Vertical beam form:	60°
VSWR:	2

Physical characteristics

Diameter:	2.25 cm
Housing colour:	white
Housing:	GFK
Weight:	0.12 kg
Cable category:	coaxial cable
Cable attenuation:	0.5 dB @ 800 MHz
Cable diameter:	5 mm
Cable colour:	black
Cable length:	30 cm
Cable type:	RG-58
Length:	27 cm