

# Delock LTE / GSM / UMTS Antenna N jack 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 inside and outside. It is completely compatible to Bluetooth, WLAN 2.4 GHz, ZigBee, DECT, Z-Wave and LoRa 868 MHz / 915 MHz.



**Item no. 12491**

EAN: 4043619124916

Country of origin: Taiwan,  
Republic of China

Package: Poly bag

## Technical details

- Connector: N jack
- Frequency range:  
698 - 960 MHz  
1710 - 2700 MHz
- ZigBee, Bluetooth, WLAN 2.4 GHz, DECT, Z-Wave, LoRa 868 MHz / 915 MHz
- Antenna gain: 2.0 - 6.5 dBi
- Impedance: 50 Ohm
- Transmitting power: max. 100 W
- VSWR: 2.0
- Operating temperature: -40 °C ~ 70 °C
- Cable category: coaxial
- Cable type: RG-174
- Cable length: ca. 30 cm
- Cable diameter: ca. 2.7 mm
- Cable colour: black
- Cable loss: ca. 1.5 dB @ 1.5 GHz per meter
- Body: GFK, UV protected
- Length: ca. 27.0 cm

- Diameter: ca. 2.2 cm
- Diameter N jack: ca. 1.66 cm

## System requirements

- Device with free N plug

## Package content

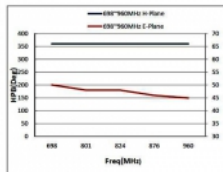
- LTE Antenna

## Images



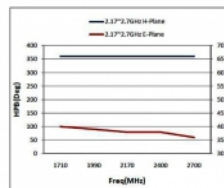
H-Plane	
MHz	HPBW(Deg)
695	360
800	360
960	360
Average: 360	

E-Plane	
MHz	HPBW(Deg)
695	50
800	48
960	45
Average: 47.7	



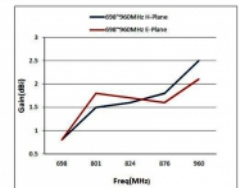
H-Plane	
MHz	HPBW(Deg)
1710	360
2170	360
2400	360
2700	360
Average: 360	

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



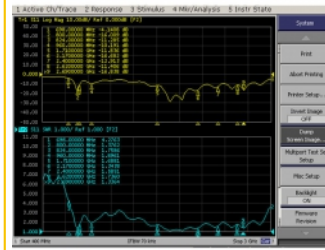
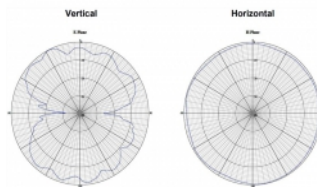
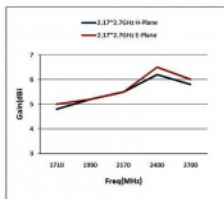
H-Plane	
MHz	dBi
695	0.8
800	1.5
960	2.5
Average: 1.6	

E-Plane	
MHz	dBi
695	0.8
800	1.8
960	2.1
Average: 1.57	



H-Plane	
MHz	dBi
1710	4.8
2170	5.3
2400	6.2
2700	5.8
Average: 5.58	

E-Plane	
MHz	dBi
1710	5
2170	5.3
2400	6.5
2700	6
Average: 5.75	



## General

Mounting type:	pole
Protection category:	IP55
Suitable for indoor:	yes
Suitable for outdoor:	yes

## Interface

connector:	1 x N female
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## 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 length incl. connector:	30 cm
Diameter:	2.25 cm
Length:	29.5 cm
Width:	21 cm
Height:	6.3 cm