

Delock WLAN Antenna RP-SMA 802.11 ac/a/h/b/g/n 0 dBi 3 m ULA100 omnidirectional white outdoor

Description

This Delock WLAN antenna can be installed outdoors or indoors and take advantage of all two bands for WLAN.



Item no. 89449

EAN: 4043619894499

Country of origin: Taiwan,
Republic of China

Package: Zip poly bag

Technical details

- Connector: RP-SMA plug
- Frequency range:
2400 - 2500 MHz
5150 - 5875 MHz
- Antenna gain: 0 dBi
- Impedance: 50 Ohm
- Polarisation: linear vertical
- VSWR: 2.0 - 2.5
- Operating temperature: -10 °C ~ 50 °C
- Protection class: IP67
- Screw mounting 13 mm central hole
- Colour: white
- Dimension: (L x W x H): ca. 77 x 45 x 45 mm
- Cable category: coaxial
- Cable type: ULA100
- Cable attenuation:
1.40 dB @ 2500 MHz per meter
2.30 dB @ 5875 MHz per meter

- Cable diameter: 2,79 mm
- Cable length incl. connector: ca. 3 m

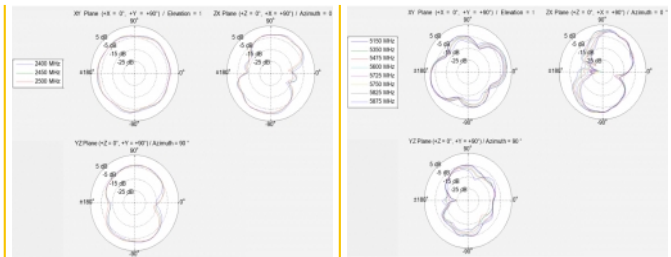
System requirements

- Device with RP-SMA jack

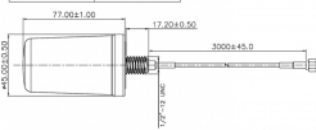
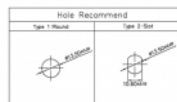
Package content

- WLAN antenna
- Screw nut

Images



Frequency (MHz)	3D			Y/H Avg. Gain				V/H Peak Gain				
	Efficiency	Avg. Gain	Peak Gain	XY plane	YZ plane	ZX plane	XY plane	YZ plane	ZX plane	XY plane	YZ plane	ZX plane
2400.00	88.39	-3.24	8.47	-3.01	-8.48	-4.89	-3.66	-3.21	6.42			
2450.00	44.03	-3.58	-8.61	-2.44	-8.42	-4.91	-1.19	-1.78	-1.01			
2500.00	81.88	-3.78	-8.88	-2.88	-8.41	-4.99	-1.88	-1.88	-1.28			
5100.00	28.21	-5.50	2.02	-4.95	-10.47	-4.90	0.90	0.82	1.10			
5200.00	27.93	-5.94	1.87	-4.93	-10.80	-4.93	0.94	-0.79	1.07			
5475.00	26.00	-5.85	1.68	-4.83	-10.61	-4.80	0.43	-0.83	0.63			
5600.00	26.33	-5.79	1.88	-4.97	-9.91	-4.91	0.37	-1.47	0.64			
5700.00	25.39	-5.85	1.23	-4.75	-9.21	-4.80	0.48	-0.81	0.62			
5775.00	26.48	-6.11	1.08	-4.89	-9.17	-4.90	0.27	-0.77	-0.16			
5825.00	23.23	-6.24	0.66	-5.14	-8.62	-4.99	0.03	-1.68	0.26			
5875.00	23.93	-6.38	0.88	-5.13	-8.88	-7.14	0.13	-1.83	-0.18			



General

Mounting type:	Screw mounting with 13 mm bore hole
Protection category:	IP67
Suitable for indoor:	yes
Suitable for outdoor:	yes

Interface

connector:	1 x RP-SMA plug
------------	-----------------

Technical characteristics

Frequency range:	2.400 GHz - 2.500 GHz 4.900 - 5.875 GHz
Gain:	0 dBi
Impedance:	50 Ω
Operating temperature:	-10 °C ~ 50 °C
Polarisation:	linear vertical
VSWR:	2.0 - 2.5

Physical characteristics

Cable category:	coaxial
Cable type:	ULA 100
Cable attenuation:	1.4 dB @ 2.500 GHz pro Meter 2.3 dB @ 5.875 GHz pro Meter
Cable colour:	white
Cable length:	3 m (incl. connectors)
Diameter:	45 mm
Height:	77 mm
Colour:	white