

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

Specification

- 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

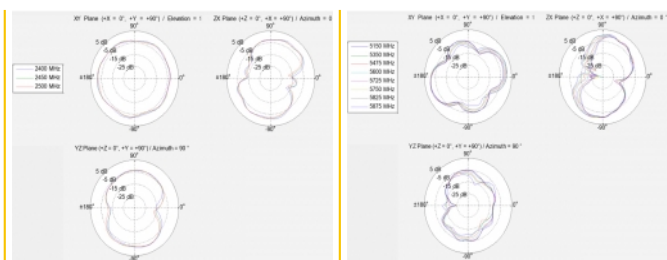
System requirements

- Device with RP-SMA jack

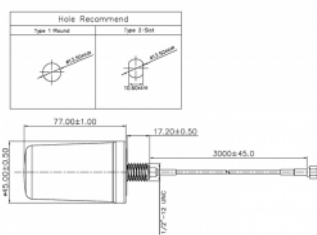
Package content

- WLAN antenna
- Screw nut

Images



Frequency (MHz)	3D			VNA Avg. Gain				VNA Peak Gain			
	Efficiency	Avg. Gain	Peak Gain	XY plane	YZ plane	ZX plane	XY plane	YZ plane	ZX plane	XY plane	ZX plane
2400.00	88.39	-3.24	8.47	-0.01	-0.48	-0.89	-1.06	-1.21	-0.42		
2450.00	44.03	-3.58	-0.81	-2.44	-0.42	-0.91	-1.19	-1.78	-1.01		
2480.00	81.88	-3.78	-0.88	-2.88	-0.41	-0.89	-1.68	-1.58	-1.28		
2500.00	38.21	-3.50	2.02	-4.95	-0.47	-0.90	-0.90	-0.82	-1.10		
2590.00	27.93	-5.84	1.87	-4.93	-10.80	-4.93	0.34	-6.78	1.07		
5475.00	26.00	-5.85	1.68	-4.83	-10.61	-4.80	0.43	-6.83	0.63		
8890.00	26.33	-5.79	1.88	-4.97	-9.91	-0.91	0.37	-5.47	0.64		
1225.00	20.39	-5.80	1.23	-4.70	-9.21	-6.20	0.44	-6.81	0.62		
4750.00	24.49	-6.11	1.06	-4.89	-9.17	-4.90	0.27	-4.77	-0.10		
8825.00	23.23	-6.24	0.66	-5.14	-9.02	-6.99	0.03	-4.68	-0.26		
8875.00	23.93	-6.38	0.88	-5.13	-8.88	-7.14	0.13	-4.63	-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
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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