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.



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

Item no. 89449

EAN: 4043619894499

Country of origin: Taiwan, Republic of China

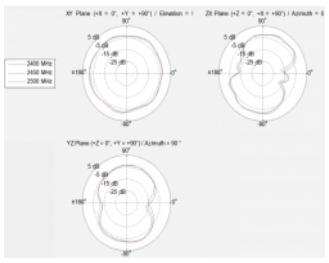
Package: Zip poly bag

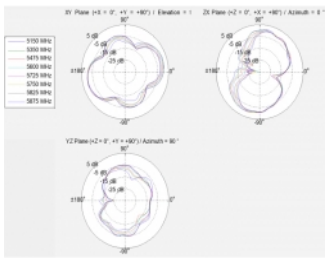
© 2021 by Delock. All names and symbols mentioned here are property of the respective producer. Printing errors, changes and errors excepted.

Images

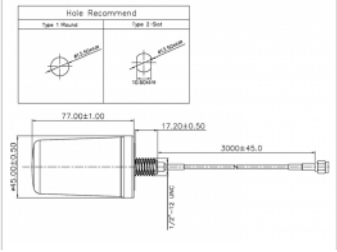








Frequency	3D			V+H Avg. Gain			V+H Peak Gain		
(MHz)	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	ZX-plane	XY-plane	YZ-plane	ZX-plane
2400.00	46.30	-3.34	0.47	-2.51	-5.48	-4.99	-1.00	-1.21	-0.42
2450.00	44.03	-3.56	-0.61	-2.44	-5.42	-4.91	-1.19	-1.76	-1.01
2500.00	41.88	-3.78	-0.86	-2.80	-5.41	-5.09	-1.68	-1.58	-1.26
5150.00	26.21	-5.58	2.02	-4.95	-10.47	-4.90	0.99	-4.62	1.19
5350.00	27.93	-5.54	1.87	-4.53	-10.60	-4.93	0.34	-4.79	1.07
5475.00	26.00	-5.85	1.69	-4.83	-10.01	-5.40	0.43	-4.63	0.63
5600.00	26.33	-5.79	1.88	-4.57	-9.91	-5.61	0.37	-5.47	0.64
5725.00	25.39	-5.95	1.23	-4.75	-9.21	-6.20	0.64	-4.81	-0.02
5750.00	24.49	-6.11	1.06	-4.89	-9.17	-6.50	0.27	-4.77	-0.18
5825.00	23.23	-6.34	0.86	-5.14	-9.02	-6.99	0.03	-4.68	-0.26
5875.00	23.03	-6.38	0.88	-5.13	-8.88	-7.14	0.13	-4.83	-0.18



© 2021 by Delock. All names and symbols mentioned here are property of the respective producer. Printing errors, changes and errors excepted.

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)
Cable diameter:	2.79 mm
Diameter:	45 mm
Height:	77 mm
Colour:	white

© 2021 by Delock. All names and symbols mentioned here are property of the respective producer. Printing errors, changes and errors excepted.