

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

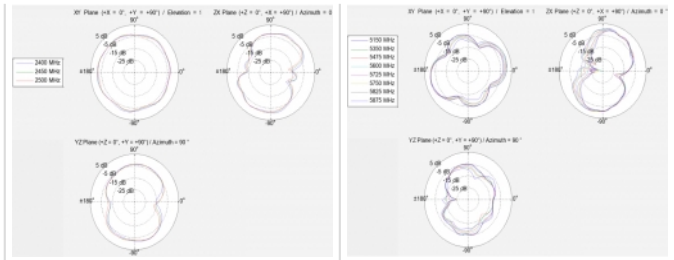
Item no. 89449

EAN: 4043619894499

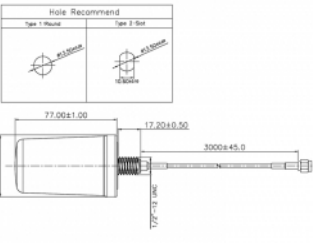
Country of origin: Taiwan, Republic of China

Package: Zip poly bag

Images



| Frequency (MHz) | 3D | | | Y-Hi Avg. Gain | | | Y-Hi Peak Gain | | |
|-----------------|------------|-----------|-----------|----------------|----------|----------|----------------|----------|----------|
| | Efficiency | Avg. Gain | Peak Gain | KY plane | YZ plane | ZX plane | KY plane | YZ plane | ZX plane |
| 3400.00 | 88.39 | -3.34 | 8.47 | -3.91 | -8.48 | -4.89 | -3.66 | -1.21 | 6.42 |
| 3450.00 | 84.03 | -3.58 | -8.11 | -2.44 | -8.42 | -4.91 | -1.19 | -1.78 | -1.01 |
| 3500.00 | 81.89 | -3.78 | -8.88 | -2.89 | -8.41 | -4.99 | -1.88 | -1.88 | -1.28 |
| 3550.00 | 80.21 | -3.92 | -9.52 | -3.92 | -8.47 | -4.90 | -1.90 | -0.82 | -1.10 |
| 3600.00 | 77.93 | -4.14 | -1.07 | -4.53 | -10.80 | -4.93 | -0.34 | -4.79 | 1.07 |
| 3675.00 | 28.00 | -5.85 | 1.68 | -4.83 | -10.81 | -5.40 | 0.45 | -4.83 | 0.63 |
| 3800.00 | 26.33 | -5.79 | 1.88 | -4.97 | -8.81 | -6.81 | 0.37 | -4.47 | 0.64 |
| 3725.00 | 25.29 | -5.85 | 1.23 | -4.75 | -8.21 | -6.20 | 0.68 | -4.81 | 0.62 |
| 3750.00 | 24.49 | -6.11 | 1.06 | -4.89 | -8.17 | -6.50 | 0.37 | -4.77 | 0.16 |
| 3825.00 | 23.23 | -6.34 | 0.66 | -5.14 | -8.62 | -6.99 | 0.03 | -4.68 | 0.26 |
| 3875.00 | 23.03 | -6.38 | 0.88 | -5.13 | -8.88 | -7.14 | 0.13 | -4.83 | -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) |
| Cable diameter: | 2.79 mm |
| Diameter: | 45 mm |
| Height: | 77 mm |
| Colour: | white |