



## AirLancer ON-Q60ag

Dual-band WLAN sector antenna with 60° beam angle and 4x4 MIMO

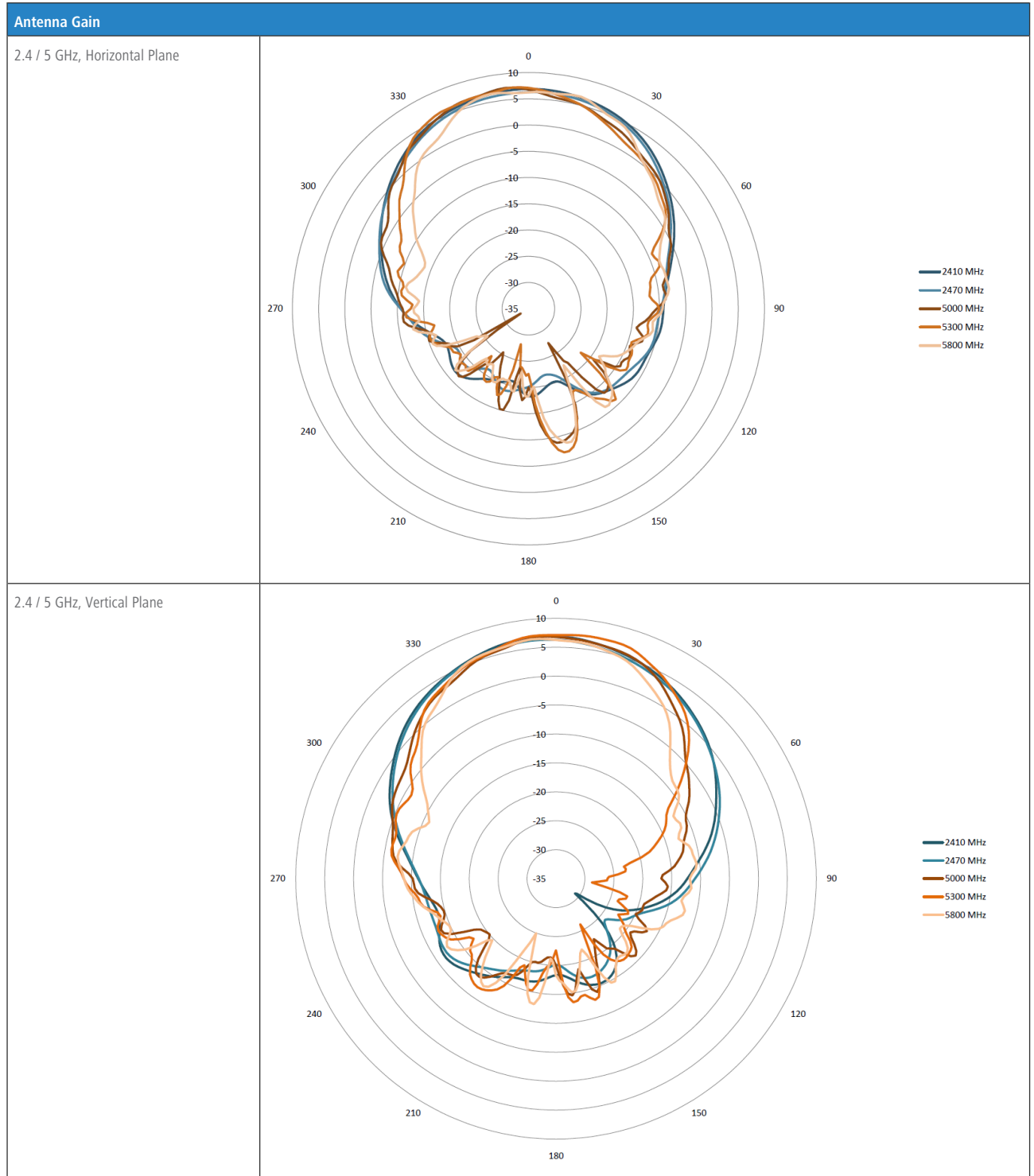
The weatherproof LANCOM AirLancer ON-Q60ag sector antenna is ideal for WLAN coverage over larger areas, including warehouses and factories. With a beam angle of approx. 60° it is also suitable for connections to several surrounding buildings (point-to-multipoint). With 4x4 MIMO support, it ensures maximum performance for reliable WLAN client connectivity in difficult environments, especially where reflections and scattering occur. It is ideal in combination with dual-radio access points to offer parallel operation at 5 GHz with 2x2 MIMO and 2.4 GHz with 2x2 MIMO.

- WLAN sector antenna with approx. 60° beam angle and +6,5 dBi at 2.4 GHz and +7,5 dBi gain at 5 GHz
- 4x4 MIMO technology for reliable WLAN coverage in harsh environments
- 2x2 + 2x2 MIMO operation with LANCOM dual-radio access points for parallel operation at 2.4 and 5 GHz
- Mounting kit, cables and adapters included
- Flexible pole mounting via optionally available AirLancer Mount (ON)
- Connects to LANCOM indoor access points via the optionally available adapter AirLancer AN-RPSMA-NJ

# AirLancer ON-Q60ag

| Technical Information                |  |
|--------------------------------------|--|
| Frequency range                      | 2400 Mhz - 2500 Mhz and 4900 Mhz - 5900 Mhz  |
| Impedance                            | 50 Ohm   |
| Polarization                         | -45°, +45°, -45°, +45°   |
| Gain                                 | 6.5 dBi @ 2.4Ghz and 7.5 dBi @ 5Ghz  |
| Half-Power-Beam-Width horizontal     | 65° @ 2.4Ghz and 65° @ 5Ghz  |
| Half-Power-Beam-Width vertical       | 65° @ 2.4Ghz and 65° @ 5Ghz  |
| VSWR                                 | typ. 1.5:1 - max. 2.0:1  |
| Mechanical Information               |  |
| Connectors & Cables                  | 4 x 81,2cm UV stable RG-316 cable with N-Plug  |
| Dimensions                           | 200 mm (L) x 200 mm (W) x 34 mm (H)  |
| Weight                               | 0.45 kg  |
| Housing material                     | UV resistant plastic   |
| Color                                | lightgray  |
| Operating temperature                | -40° to 70°C   |
| Article                              |  |
| Recommended use case                 | Point-to-Multipoint radio links / Sector coverage  |
| Mounting material                    | Simple wall mount included. Optional AirLancer Mount (ON) for precise wall and pole mounting.                                |
| Support                              |  |
| Warranty                             | 2 years support  |
| Accessories                          |  |
| Antenna cable                        | AirLancer cable NJ-NP 3m, item no. 61230, AirLancer cable NJ-NP 6m, item no. 61231, AirLancer cable NJ-NP 9m, item no. 61232 |
| Adapter                              | AirLancer AN-RPSMA-NJ adapter to connect ON Antennas to LANCOM Indoor Access Points and IAPs, item no. 61259                 |
| Surge arrester (antenna cable)       | AirLancer SN-ANT surge arrester (2.4 and 5 GHz), to be integrated between Access Point and antenna, item no. 61258           |
| Wall- and Pole-Mount                 | AirLancer Mount (ON) for adjustable wall and pole mounting, item no. 61260   |
| Fit for the following LANCOM devices |  |
| Outdoor                              | LANCOM OAP Series 32x and 8xx  |
| Indoor                               | All LANCOM Indoor Access Points and IAPs via separately available Adapter AirLancer AN-RPSMA-NJ*                             |
| *) Note                              | You need one adapter per antenna connector   |
| Item number(s)                       |  |
| AirLancer ON-Q60ag                   | 61248  |

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