

# 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
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## 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 arrestor (antenna cable)	AirLancer SN-ANT surge arrestor (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

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## Fit for the following LANCOM devices

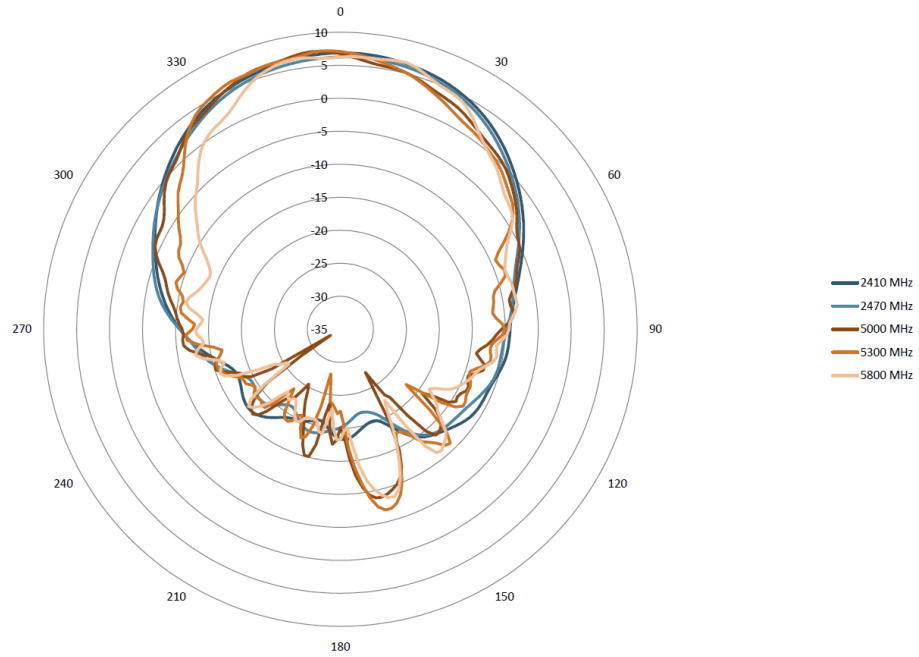
Outdoor	LANCOM OAP Series 32x, 82x and 170x (with external antenna connectors)
Indoor	All LANCOM Indoor Access Points and IAPs via separately available Adapter AirLancer AN-RPSMA-NJ*
*) Note	You need one adapter per antenna connector

## Item number(s)

AirLancer ON-Q60ag	61248
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## Antenna Gain

2.4 / 5 GHz, Horizontal Plane



# AirLancer 0N-Q60ag

## Antenna Gain

2.4 / 5 GHz, Vertical Plane

