

AirLancer ON-Q30

30° outdoor Wi-Fi sector antenna with 4x4 MIMO



The weatherproof LANCOM sector antenna AirLancer ON-Q30 with a beam angle of 30° is ideal for Wi-Fi coverage in high-density environments such as stadiums and concert halls. With 4x4 MIMO support and dual-band capability on all four ports, the antenna offers a reliable Wi-Fi connection even with a high client density, especially in combination with the LANCOM outdoor access point OX-6402. Cables and adapters are included in the mounting kit for attachment to walls or masts.

- Outdoor Wi-Fi sector antenna with 30° beam angle and +10 dBi gain (2.4 GHz and 5 GHz)
- 4x4 MIMO technology for reliable Wi-Fi coverage in high-density environments
- Mounting kit for wall and pole mounting, cables, and adapter included
- Ideal for LANCOM access points with 4 external antenna connectors such as LANCOM OX-6402, LANCOM LX-6402, or alternatively LANCOM OW-602



AirLancer ON-Q30

Technical Information

Frequency range	2400 MHz - 2500 MHz and 4900 – 5875 MHz
Impedance	50 Ohm
Gain	10 dBi @ 2.4 GHz and 5 GHz
Half-Power-Beam-Width horizontal	30° @ 2.4 GHz and 30° @ 5 GHz
Half-Power-Beam-Width vertical	30° @ 2.4 GHz and 30° @ 5 GHz
VSWR	typ. 1.5:1 - max. 2.0:1

Mechanical Information

Connectors & Cables	4 x 100cm UV stable ULA100 cable with N-Plugs (detachable)
Dimensions	370 mm (L) x 370 mm (W) x 30 mm (H)
Weight	2.2 kg
Housing material	UV resistant plastic
Color	lightgray
Operating temperature	-40° to 85°C

Article

Recommended use case	Sector coverage
Mounting material	articulating wall and pole mount accessories included

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 arrester (antenna cable)	AirLancer SurgeProtect surge arrester (2.4 and 5 GHz), to be integrated between Access Point and antenna, item no. 61257



AirLancer ON-Q30

Fit for the following LANCOM devices

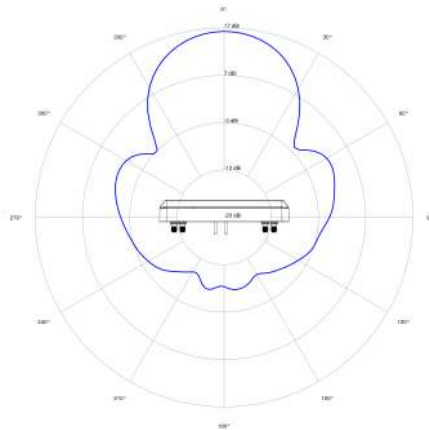
Outdoor	LANCOM OAP Series 32x, 82x, 170x, OW-602 and OX-6402 (with external antenna connectors)
Indoor	All LANCOM Indoor Access Points and IAPs via separately available Adapter AirLancer AN-RPSMA-NJ*
*) Note	You need one adapter per antenna connector

Item number(s)

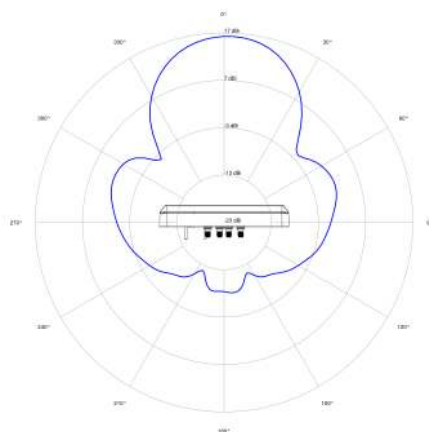
AirLancer ON-Q30	61266
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Antenna Gain (combined gain of all antenna elements)

2.4 GHz, Azimuth Plane



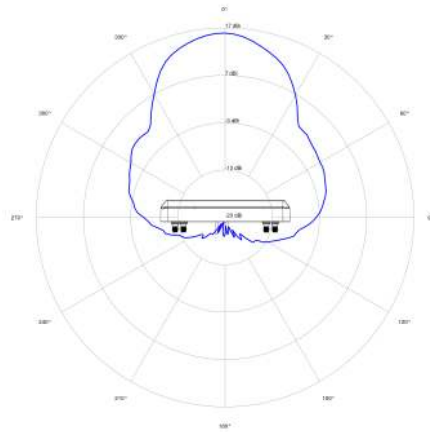
2.4 GHz, Elevation Plane



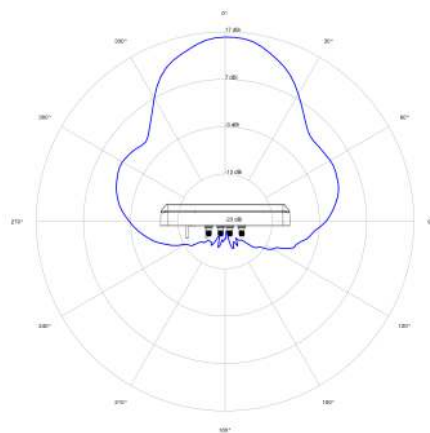
AirLancer 0N-Q30

Antenna Gain (combined gain of all antenna elements)

5.25 GHz, Azimuth Plane



5.25 GHz, Elevation Plane

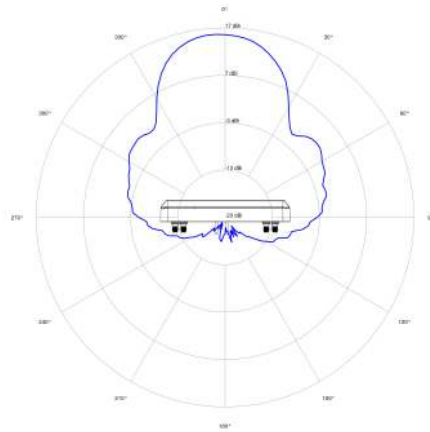




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Antenna Gain (combined gain of all antenna elements)

5.6 GHz, Azimuth Plane



AirLancer ON-Q30

Antenna Gain (combined gain of all antenna elements)

5.6 GHz, Elevation Plane

