

AirLancer ON-D9a

WLAN directional antenna with 9° beam angle and 2x2 MIMO



The weatherproof LANCOM directional antenna AirLancer ON-D9a is ideal for establishing high-speed point-to-point links for bridging long distances by WLAN in the outdoors. Thanks to 2x2 MIMO, it offers maximum performance for the WLAN standard IEEE 802.11ac with up to 867 Mbps.

- WLAN directional antenna with 9° beam angle and +23 dBi gain (5 GHz)
- 2x2 MIMO technology for reliable WLAN transmissions at up to 867 Mbps and long-distance point-to-point links
- Mounting kit, cables and adapters included
- Connects to LANCOM indoor access points via the adapter AirLancer AN-RPSMA-NJ

AirLancer ON-D9a

Technical Information

Frequency range 4900 Mhz - 5900 Mhz

Impedance 50 Ohm

Polarization Dual linear, horizontal and vertical

Gain 23 dBi

Half-Power-Beam-Width horizontal 9°

Half-Power-Beam-Width vertical 9°

VSWR typ. 1.5:1 - max. 2.0:1

Mechanical Information

Connectors & Cables 2 x N-Jack - 2 x 50cm NP-NP Adapter

Dimensions 340 mm (L) x 340 mm (W) x 30 mm (H)

Weight 1.6 kg

Housing material UV resistant plastic

Color lightgray

Operating temperature -40° to 80°C

Article

Recommended use case Point-to-Point radio link

Mounting material Wall and pole mount included

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

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Fit for the following LANCOM devices

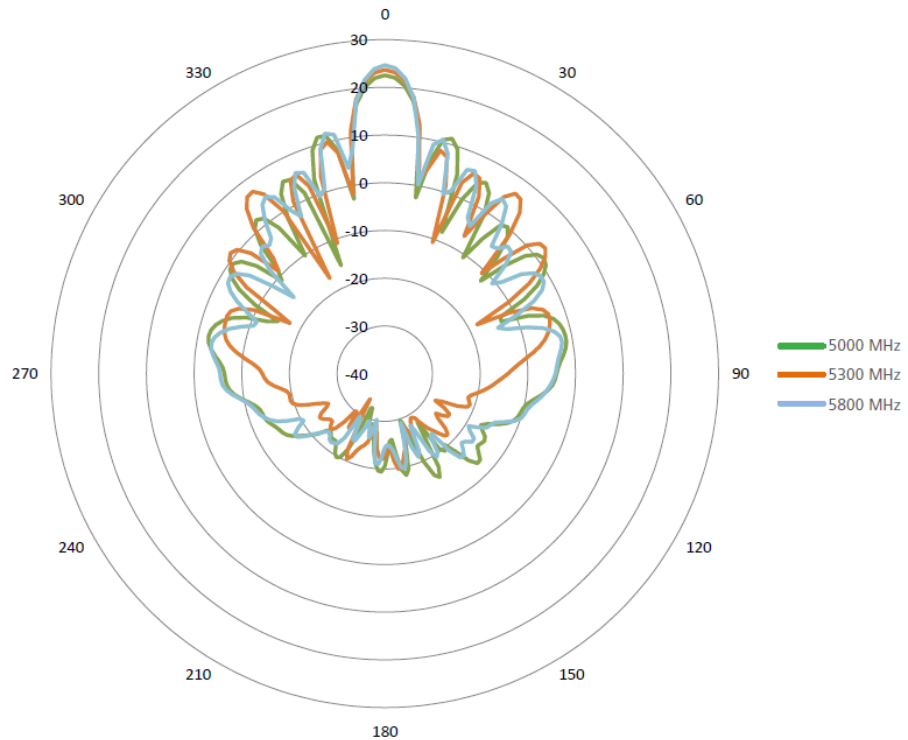
Outdoor	LANCOM OAP Series 32x, 82x and 170x (with external antenna connectors)
Indoor	All LANCOM Indoor Access Points and IAPs via separately available Adapter AirLancer AN-RPSMA-NJ*
*) Note	You need one adapter per antenna connector

Item number(s)

AirLancer ON-D9a	61244
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Antenna Gain

5 GHz, H-Plane



AirLancer 0N-D9a

Antenna Gain

5 Ghz, E-Plane

