

AirLancer ON-D8a

8° outdoor Wi-Fi directional antenna with 2x2 MIMO



The weatherproof LANCOM outdoor directional antenna AirLancer ON-D8a is ideal for establishing high-speed point-to-point links for bridging distances of several kilometers via Wi-Fi in outdoor areas. Thanks to 2x2 MIMO technology, radio links with reliably high performance can be established, especially in combination with the LANCOM Outdoor Access Point OW-602. Cables and adapters are included in the mounting kit for attachment to walls or masts.

- WLAN directional antenna with 8° beam angle and +21 dBi gain (5 GHz)
- 2x2 MIMO technology for long-distance point-to-point links
- Mounting kit for wall and pole mounting, cable, and adapter included
- Especially suitable for use with the LANCOM outdoor access point OW-602 or alternatively with the OX-6402



AirLancer ON-D8a

Technical Information

Frequency range	4900 Mhz - 5900 Mhz
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Impedance	50 Ohm
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Polarization	Dual linear, horizontal and vertical
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Gain	21 dBi
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Half-Power-Beam-Width horizontal	8°
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Half-Power-Beam-Width vertical	8°
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VSWR	typ. 1.5:1 - max. 2.0:1
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Mechanical Information

Connectors & Cables	2 x N-Jack - 2 x 100cm NP-NP Adapter
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Dimensions	370 mm (L) x 370 mm (W) x 30 mm (H)
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Weight	1.9 kg
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Housing material	UV resistant plastic
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Color	lightgray
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Operating temperature	-40° to 85°C
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Article

Recommended use case	Point-to-Point radio link
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Mounting material	Wall and pole mount included
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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
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Adapter	AirLancer AN-RPSMA-NJ adapter to connect ON Antennas to LANCOM Indoor Access Points and IAPs, item no. 61259
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Surge arrestor (antenna cable)	AirLancer SurgeProtect surge arrestor (2.4 and 5 GHz), to be integrated between Access Point and antenna, item no. 61257
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Fit for the following LANCOM devices

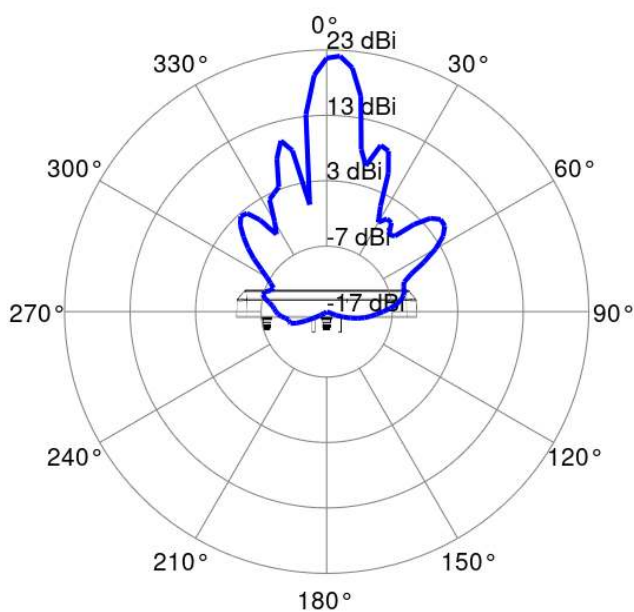
Outdoor	LANCOM OAP Series 32x, 82x, 170x, OW-602 and OX-6402 (with external antenna connectors)
Indoor	All LANCOM Indoor Access Points and IAPs via separately available Adapter AirLancer AN-RPSMA-NJ*
*) Note	You need one adapter per antenna connector

Item number(s)

AirLancer ON-D8a	61708
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Antenna Gain (combined gain of all antenna elements)

5.6 GHz, Azimuth Plane





AirLancer 0N-D8a

Antenna Gain (combined gain of all antenna elements)

5.6 GHz, Elevation Plane

