

AirLancer ON-Q360ag

Dual-band WLAN omni-directional antenna with 360° beam angle and 4x4 MIMO



The weatherproof LANCOM AirLancer ON-Q360ag omni-directional antenna provides effective WLAN over wide areas. Mounted centrally, it is ideal for 360° coverage. Thanks to 4x4 MIMO, it offers maximum performance for the WLAN standard IEEE 802.11ac. 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 omni-directional antenna with a 360° beam and +4 dBi at 2.4 GHz and 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
- Connects to LANCOM indoor access points via the optionally available adapter AirLancer AN-RPSMA-NJ

AirLancer ON-Q360ag

Technical Information

Frequency range	2400 Mhz - 2500 Mhz and 4900 Mhz - 5900 Mhz
Impedance	50 Ohm
Polarization	vertical
Gain	4 dBi @ 2.4/5Ghz
Half-Power-Beam-Width horizontal	360° @ 2.4Ghz and 360° @ 5Ghz
Half-Power-Beam-Width vertical	60° @ 2.4Ghz and 33° @ 5Ghz
VSWR	typ. 1.5:1 - max. 2.0:1

Mechanical Information

Connectors & Cables	4 x 81,2cm UV stable RG-58 cable with N-Plug
Dimensions	260 mm (H) x 160 mm (Diameter)
Weight	0.95 kg
Housing material	UV resistant plastic
Color	lightgray
Operating temperature	-30° to 70°C

Article

Recommended use case	Hotspot / 360° coverage
Mounting material	Universal mount for wall, pole and ceiling mount 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 SN-ANT surge arrester (2.4 and 5 GHz), to be integrated between Access Point and antenna, item no. 61258

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Antenna Gain

2.4 / 5 GHz, Vertical Plane, Port 1

