

# AirLancer ON-T360ag

Dual-band WLAN omni-directional antenna with 360° beam angle and 3x3 MIMO



The weatherproof LANCOM AirLancer ON-T360ag omni-directional antenna provides effective WLAN over wide areas. Mounted centrally, it is ideal for 360° coverage. Thanks to 3x3 MIMO, it offers maximum performance for the WLAN standard IEEE 802.11ac with up to 1,300 Mbps. 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 1x1 MIMO.

- WLAN omni-directional antenna with a 360° beam and +5 dBi at 2.4 GHz and +7 dBi gain at 5 GHz
- 3x3 MIMO technology for reliable WLAN coverage in harsh environments with up to 1,300 Mbps
- 2x2 + 1x1 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-T360ag

## Technical Information

Frequency range	2400 Mhz - 2500 Mhz and 4900 Mhz - 5900 Mhz
Impedance	50 Ohm
Polarization	vertical
Gain	5 dBi @ 2.4Ghz and 7 dBi @ 5Ghz
Half-Power-Beam-Width horizontal	360° @ 2.4Ghz and 360° @ 5Ghz
Half-Power-Beam-Width vertical	25° @ 2.4Ghz and 15° @ 5Ghz
VSWR	typ. 1.5:1 - max. 2.0:1

## Mechanical Information

Connectors & Cables	3 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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## Fit for the following LANCOM devices

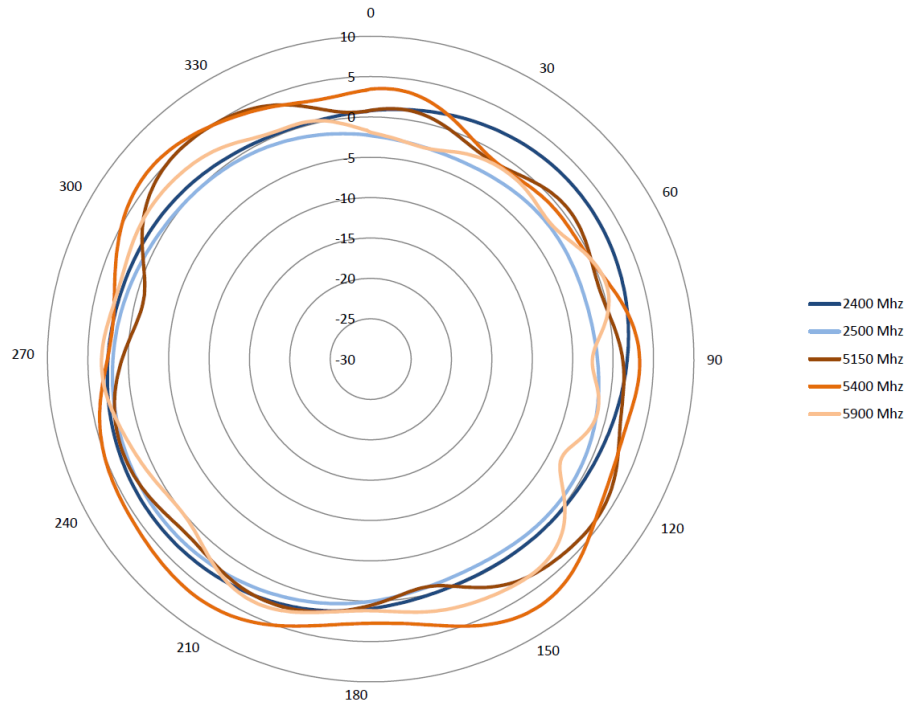
Outdoor	LANCOM OAP Series 32x, 82x and 170x (with external antenna connectors)
Indoor	All LANCOM Indoor Access Points and IAPs via separately available Adapter AirLancer AN-RPSMA-NJ*
*) Note	You need one adapter per antenna connector

## Item number(s)

AirLancer ON-T360ag	61242
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## Antenna Gain

2.4 / 5 GHz, Horizontal Plane



# AirLancer ON-T360ag

## Antenna Gain

2.4 / 5 GHz, Vertical Plane

