

# AirLancer Extender O-360-4G

Outdoor LTE omni-directional antenna with 360° beam angle



The LANCOM omni-directional antenna AirLancer Extender O-360-4G is an outdoor antenna that offers a wide frequency band not only for LTE signals, but also for HSPA+, UMTS, EDGE, GSM and GPRS. The MIMO function exploits the full potential of LTE performance. The supplied mounting materials and the permanently attached signal cable offer various installation options directly on building facades and also on poles.

- For the reception of LTE/4G, HSPA+, UMTS/3G, EDGE, GSM and GPRS
- Covers all LTE/4G bands in the range from 800 – 2700 MHz
- MIMO antenna for higher data rates and better signal quality
- Ideal for connecting to all LANCOM indoor cellular routers
- Accessories for wall and pole mounting included
- Includes 5m permanently connected cable with SMA connector

# AirLancer Extender 0-360-4G

## Technical Information

Number of integrated antennas	2 (MIMO system)
Frequency range	800-960 MHz, 1.710-2.170 MHz and 2.400-2.700 MHz
Supported bands 2G and 3G	<ul style="list-style-type: none"> <li>→ GSM (900 MHz)</li> <li>→ GPRS (1800 MHz)</li> <li>→ EDGE (1900 MHz)</li> <li>→ UMTS band 1 (2100 MHz)</li> <li>→ UMTS band 8 (900 MHz)</li> </ul>
Supported bands 4G	<ul style="list-style-type: none"> <li>→ Band 1 (2100 MHz)</li> <li>→ Band 3 (1800 MHz)</li> <li>→ Band 7 (2600 MHz)</li> <li>→ Band 8 (900 MHz)</li> <li>→ Band 20 (800 MHz)</li> </ul>
Impedance	50 ohm
Gain	<ul style="list-style-type: none"> <li>→ 2 dBi (800 - 960 MHz)</li> <li>→ 5 dBi (1710 - 2170 MHz)</li> <li>→ 4 dBi (2400 - 2700 MHz)</li> </ul>
Antenna characteristics	Omni-directional antenna
VWSR	less than 2:1
Efficiency	greater than 70%
Correlation coefficient	less than 0,2
Isolation	greater than 20dB
Max input power	20 watt

## Mechanical specifications

Size	<ul style="list-style-type: none"> <li>→ Height: 186 mm</li> <li>→ Width: 155 mm</li> </ul>
Material	UV-resistant plastic (ABS)
Color	RAL 9010 (white)
Operation temperature	-40°C to +80°C
Mounting options	<ul style="list-style-type: none"> <li>→ Wall fixing</li> <li>→ Mast mounting (diameter of mast 2-5 cm)</li> <li>→ Stand for mounting on windows sills (Indoor)</li> </ul>

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**Mechanical specifications**

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Cable material	2 x CS29 coax cable (5 mm)
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**Package content**

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Cable	5 m
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Connection	2x SMA (m)
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**Item**

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Warranty	2 years
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Item number	61227
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