



LANCOM AirLancer Extender I-360-4G

Indoor 4G omni-directional antenna with 360° beam angle

The LANCOM omni-directional antenna AirLancer Extender I-360-4G is an indoor antenna that offers a wide frequency band not only for LTE/4G signals, but also for HSPA+, UMTS, EDGE, GSM and GPRS. Its fold-out stand and permanently attached 2-meter long cable gives you the flexibility to place it on windowsills, cabinets and desks, or it can be attached directly to the window pane with the supplied suction pads.

- › MIMO antenna for higher data rates and better signal quality
- › 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
- › Ideal for connecting to all LANCOM indoor cellular routers
- › Easy installation on window sills or electrical cabinets—no drilling required
- › Includes suction pads for attachment directly to the window pane and 2m permanently connected cable with SMA connector

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Technical Information	
Number of integrated antennas	2 (MIMO system)
Frequency range	698-960 MHz and 1710-2700 MHz
Supported bands 2G and 3G	<ul style="list-style-type: none"> ■ GSM (900 MHz) ■ GPRS (1800 MHz) ■ EDGE (1900 MHz) ■ UMTS band 1 (2100 MHz) ■ UMTS band 8 (900 MHz)
Supported bands 4G	<ul style="list-style-type: none"> ■ Band 1 (2100 MHz) ■ Band 3 (1800 MHz) ■ Band 7 (2600 MHz) ■ Band 8 (900 MHz) ■ Band 20 (800 MHz)
Impedance	50 ohm
Gain	<ul style="list-style-type: none"> ■ 0,3 dBi (698 - 960 MHz) ■ 1,6 dBi (1710 -2170 MHz) ■ 0,4 dBi (2200 -2700 MHz)
Antenna characteristics	Omni-directional antenna
VWSR	greater than 2.5:1
Efficiency	greater than 70%
Correlation coefficient	less than 0,1
Isolation	greater than 20dB
Max input power	20 watt
Mechanical specifications	
Size	<ul style="list-style-type: none"> ■ Height: 139 mm ■ Width: 151 mm
Color	Black
Operation temperature	-40°C to +80°C
Mounting options	<ul style="list-style-type: none"> ■ Fold-out stand for mounting on window sills, desks or electrical cabinets ■ Fixes to window panes by suction pad ■ Mounting hole for wall fixing
Cable material	2x RG174 (2,8 mm)
Package content	
Cable	2m
Connection	2x SMA (m)
Item	
Warranty	2 years
Item number	60918