

AirLancer Extender I-360D-5G

Indoor 4G/5G omni-directional antenna with 360° beam angle



The R&S®LANCOM AirLancer I-360D-5G indoor omnidirectional antenna is ideal for use in 4G/LTE networks and also supports the new 5G frequencies. By connecting to R&S®LANCOM cellular routers, it improves signal quality in all environments. With the fold-out stand and the permanently attached 2-meter cable, it can also be flexibly placed on windowsills, cabinets, as well as desks, or attached directly to the window pane with the included suction cups.

- ▶ 2x2 MIMO antenna for higher data rates and better signal quality
- ▶ For the reception of 4G/LTE and 5G
- ▶ Covers all 5G and 4G bands in the range from 700-3,800 MHz
- ▶ Ideal for connecting to R&S®LANCOM indoor 4G 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 1.710-3.800 MHz
Supported bands	► 2G / 3G / 4G / 5G
Impedance	50 ohm
Gain	► 2.5 dBi (698 - 960 MHz) ► 5 dBi (1.710 -2.170 MHz) ► 4 dBi (2.200 -3.800 MHz)
Efficiency	► greater than 60% (698 - 960 MHz) ► greater than 80% (1.710 -2.170 MHz) ► greater than 50% (2.200 -3.800 MHz)
Antenna characteristics	Omni-directional antenna
VWSR	less than 2.5:1
Correlation coefficient	less than 0,1
Isolation	greater than 18dB
Max input power	20 watt
Note	For maximum 5G performance, we recommend the use of the R&S®AirLancer O-360Q-5G outdoor cellular antenna with 4x4 MIMO
Mechanical specifications	
Size	► Height: 137 mm ► Width: 151 mm
Color	Black
Operation temperature	-40°C to +80°C
Mounting options	► 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 (male)
Mounting material	Suction pads for attachment directly to the window pane
Item	
Warranty extension	2 years
Item number	60919

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