

AirLancer Extender O-360D-5G

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



The R&S®LANCOM AirLancer O-360D-5G outdoor 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. The permanently connected 5-meter connection cable and the supplied mounting materials allow flexible installation of the antenna both directly on building facades and on masts.

- ▶ 2x2 MIMO antenna for higher data rates and better signal quality
- ▶ For the reception of 4G/LTE and 5G
- ▶ Covers all 4G and 5G bands in the range from 700-3,800 MHz
- ▶ Ideal for connecting to R&S®LANCOM indoor 4G cellular routers
- ▶ Accessories for wall and pole mounting included
- ▶ Includes 5m permanently connected cable with SMA connector
- ▶ **Note:** For use with R&S®LANCOM 5G routers, we recommend the cellular antenna AirLancer O-360Q-5G with 4x4 MIMO

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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	► 3G / 4G / 5G
Impedance	50 ohm
Gain	► 2 dBi (698 - 960 MHz) ► 5 dBi (1.710 -2.170 MHz) ► 4 dBi (2.200 -3.800 MHz)
Antenna characteristics	Omni-directional antenna
VWSR	less than 2:1
Correlation coefficient	less than 0,2
Isolation	greater than 20dB
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: 155 mm ► Width: 155 mm
Material	UV-resistant plastic (ABS)
Color	RAL 9010 (white)
Operation temperature	-30°C to +80°C
Mounting options	► Wall fixing ► Mast mounting (diameter of mast 2-5 cm) ► Stand for mounting on windows sills (Indoor)
Cable material	2 x CS29 coax cable (5 mm)
Package content	
Cable	5 m
Connection	2x SMA (male)
Mounting material	Mounting material for wall and pole mounting
Item	
Warranty extension	2 years
Item number	61233

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