



AirLancer Extender I-D180agn

Indoor MIMO antenna for mounting from suspended ceilings

- MIMO antenna for 2.4 and 5 GHz
- Ideal for 802.11n access points with 2 or 3 antenna sockets
- Easy mounting from suspended ceilings
- Understated, attractive design

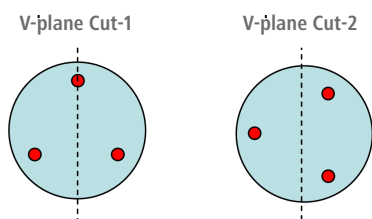
The AirLancer Extender I-D180agn is ideal where an 802.11n access point is installed above a suspended ceiling and should be out of view. Its appearance is highly discreet in locations such as hospitals, schools or hotels. The AirLancer Extender I-D180agn connects to the access point over three antenna sockets, only two of which are used for 2x2 MIMO access points. The antenna supports both the 2.4- and 5-GHz frequencies, the latter being ideal for MIMO operations due to the potential from channel bundling.

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Technical data	
Applications	Indoor MIMO antenna for mounting from suspended ceilings
Frequency band	2400 - 2500 MHz and 5150 - 5875 MHz
Max. antenna gain*	2.5 dBi at 2400 - 2500 MHz 8.0 dBi at 5150 - 5875 MHz
Average antenna gain*	1.0 dBi at 2400 - 2500 MHz 2.5 dBi at 5150 - 5875 MHz
Radiation characteristics	Horizontal HPBW 360° Vertical HPBW 60° +/- 5° at 2400 - 2500 MHz Vertical HPBW 55° +/- 10° at 5150 - 5875 MHz
Polarization	Linear, vertical
VSWR	2.0 : 1 (max.)
Impedance	50 Ohm
Mounting	Installation under suspended ceilings
Services	10 W
Connections	3 x SMA connectors
Environmental conditions and material properties	
Temperature	-10°C to + 55°C
Humidity	95% @ 55°C
Housing color	White
Housing material	ABS, UV resistant
Weight	112 g
Dimensions	Diameter 13.3 cm, height 5.7 cm
Package content	
Cable	3 x 1 m low-loss coaxial cable, 1 x 50 Ohm terminating resistor, 1 drilling template, 1x mounting instructions
Suitable devices	
LANCOM L-321 agn Wireless	Single Radio Access Point with 300 Mbps gross data rates
LANCOM L-322 agn dual Wireless	Dual Radio Access Point with 300 Mbps gross data rates
LANCOM L-451 agn Wireless	Single Radio Access Point with 450 Mbps gross data rates
LANCOM L-452 agn dual Wireless	Dual Radio Access Point with 450 Mbps gross data rates
Item	
Warranty	2 years
Item number	60917

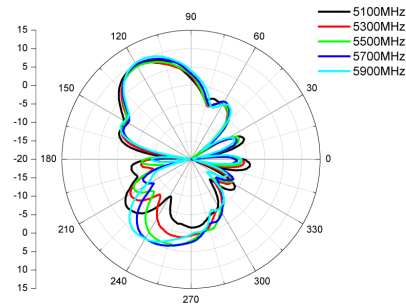
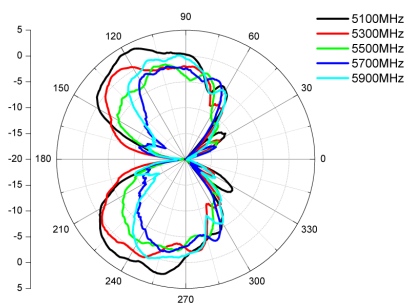
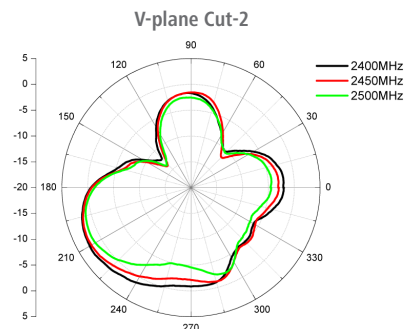
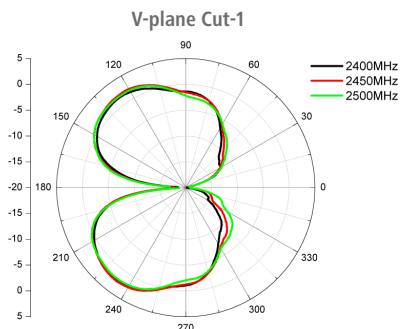
* measured at the antenna socket

Rear view, antenna:

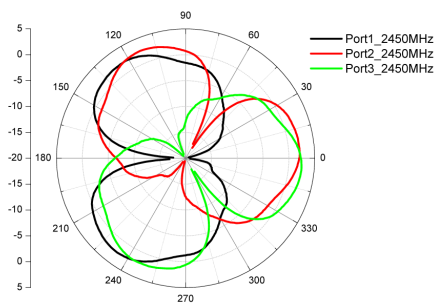


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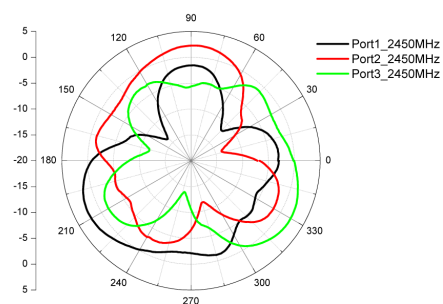
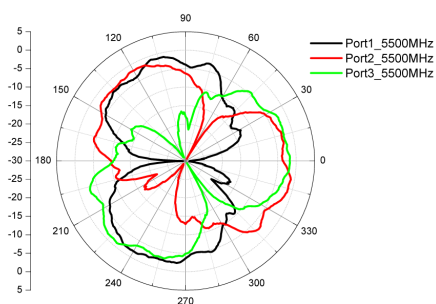
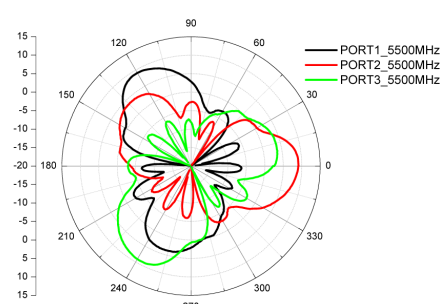
Beam pattern, AirLancer Extender I-D180agn



Three Ports in V-plane Cut-1



Three Ports in V-plane Cut-2



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05/10