



## AirLancer IN-T180ag

Dual-band WLAN sector antenna with 180° beam angle and 3x3 MIMO

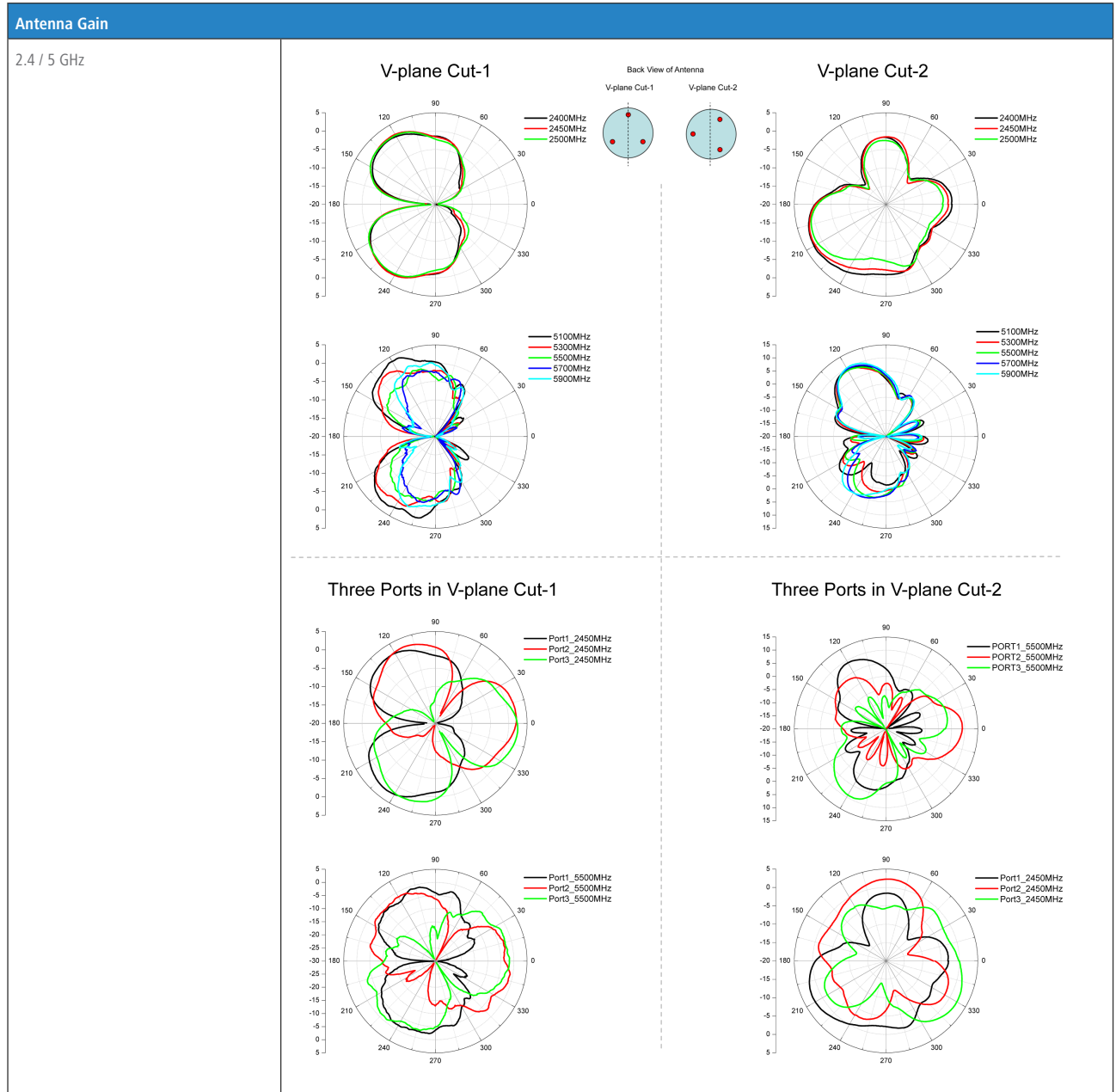
The discreet LANCOM AirLancer IN-T180ag sector antenna is ideal for WLAN coverage in modern buildings. When installed on a suspended ceiling the antenna fits inconspicuously into environments at businesses, hospitals, schools, and hotels. With 3x3 MIMO support, it ensures maximum performance for reliable WLAN client connectivity in difficult environments, especially where reflections and scattering occur. It is ideal in combination with dual-radio access points to offer parallel operation at 5 GHz with 2x2 MIMO and 2.4 GHz with 1x1 MIMO.

- WLAN sector antenna with approx. 180° beam angle and +2.5 dBi gain at 2.4- and +8 dBi at 5-GHz
- 3x3 MIMO technology for reliable WLAN coverage in harsh environments with up to 1,300 Mbps
- 2x2 + 1x1 MIMO operation with LANCOM dual-radio access points for parallel operation at 2.4 and 5 GHz
- Mounting kit, cables and adapters included
- Flexible pole mounting via optionally available AirLancer Mount (ON)
- Connects to LANCOM indoor access points via the optionally available adapter AirLancer AN-RPSMA-NJ

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Technical Information	
Frequency range	2400 Mhz - 2500 Mhz and 4900 Mhz - 5900 Mhz
Impedance	50 Ohm
Polarization	linear, vertical
Gain	2.5 dBi @ 2.4Ghz and 8 dBi @ 5Ghz
Half-Power-Beam-Width horizontal	360°
Half-Power-Beam-Width vertical	60°
VSWR	typ. 1.5:1 - max. 2.0:1
Mechanical Information	
Connectors & Cables	3 x RSMA-Plug with 1m cable each
Dimensions	57 mm (H) x 133 mm (Diameter)
Weight	112 g
Housing material	UV resistant plastic
Color	white
Operating temperature	-10° to 55°C
Article	
Recommended use case	Room coverage
Mounting material	Mounting material for suspended ceilings included
Support	
Warranty	2 years support
Fit for the following LANCOM devices	
Indoor	All LANCOM Indoor Access Points and IAPs
Item number(s)	
AirLancer IN-T180ag	61245

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