

R&S® AirLancer IN-Q180+

Dual-band ceiling antenna with 180° beam angle and four connectors for optimal Wi-Fi coverage



The R&S® AirLancer IN-Q180+ ceiling antenna combines a discreet look with the best possible Wi-Fi coverage in modern buildings. When installed under a suspended ceiling the antenna fits inconspicuously into the surroundings, making it perfect for businesses, hospitals, schools and hotels. With four connectors it is ideal for operating at 5 GHz and 2.4 GHz with 4x4 MIMO in parallel.

- ▶ Dual-band ceiling antenna with 180° beam angle and +3 dBi at 2.4 GHz and +5 dBi gain at 5 GHz
- ▶ 4 connectors
- ▶ MIMO technology for reliable Wi-Fi coverage under difficult conditions
- ▶ 4x4 dual band MIMO operation with R&S® LANCOM dual-radio access points for parallel operation at 2.4 and 5 GHz
- ▶ Mounting kit included
- ▶ Optimized for 802.11ac and 802.11ax operations

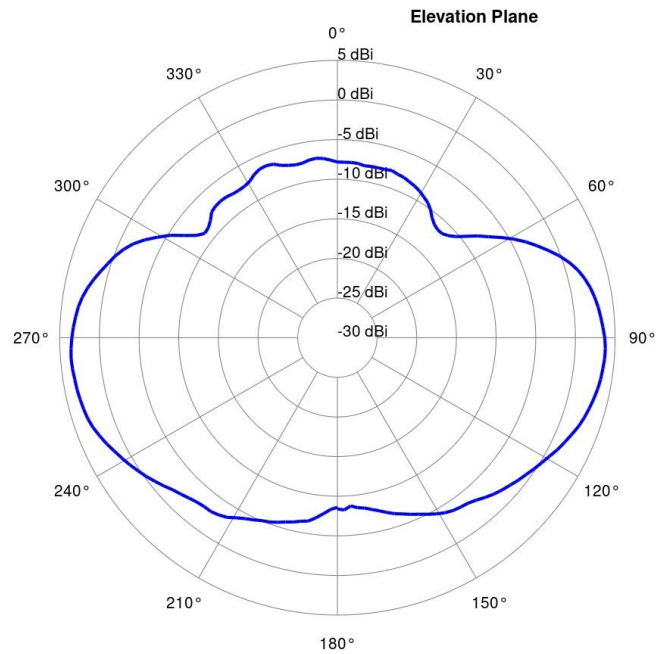
R&S® AirLancer IN-Q180+

Technical Information	
Frequency Range	2400 MHz - 2500 MHz (cables marked in red) and 4900 MHz - 5900 MHz
Impedance	50 Ohm
Gain	3 dBi @ 2,4 GHz and 5 dBi @ 5 GHz
Half-Power-Beamwidth horizontal	360° @ 2,4 GHz and 220° @ 5 GHz
Half-Power-Beamwidth vertical	55° @ 2,4 GHz and 40° @ 5 GHz
VSWR	typ. 1,5:1 - max. 2,5:1
Mechanical Information	
Connectors & Cables	4x 1m RG178 cable with RPSMA connector
Dimensions	130 mm (length) x 130 mm (length) x 45 mm (height)
Weight	208g
Housing material	UV resistant plastic
Color	white
Operating temperature	-20°C to 65°C
Item	
Recommended use case	Room coverage
Mounting material	Mounting material for ceiling- and wall mount included
Support	
Warranty	2 years support
Fit for the following R&S®LANCOM devices	
Indoor	All R&S®LANCOM Indoor Access Points and IAPs, especially for dual radio usage with R&S®LANCOM LX-6402
Item number	
R&S®AirLancer IN-Q180+	61262

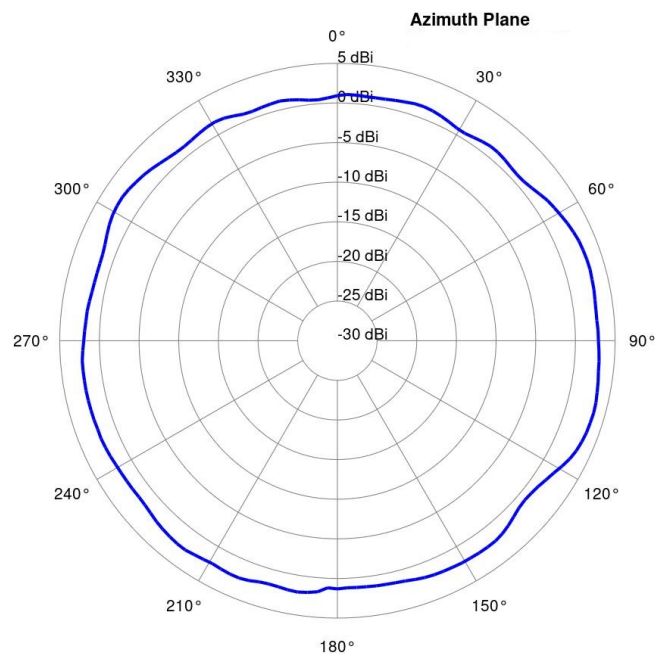
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Antenna Gain

2.4 GHz, E-Plane



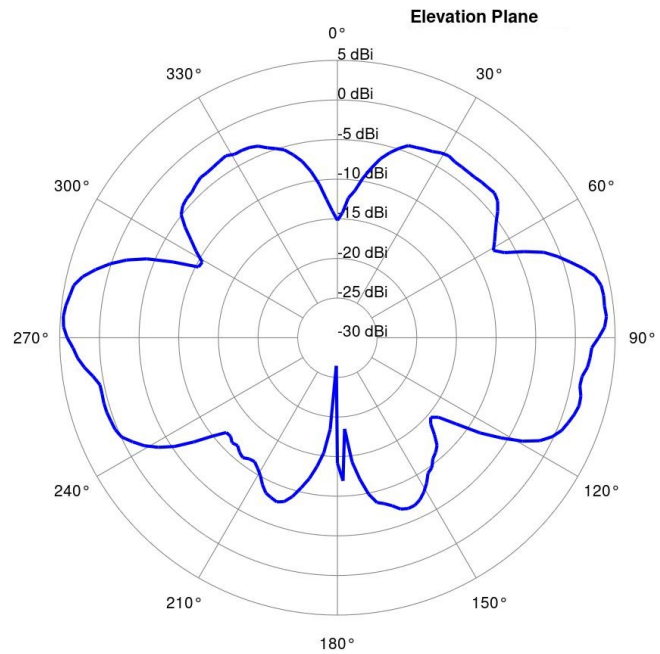
2.4 GHz, H-Plane



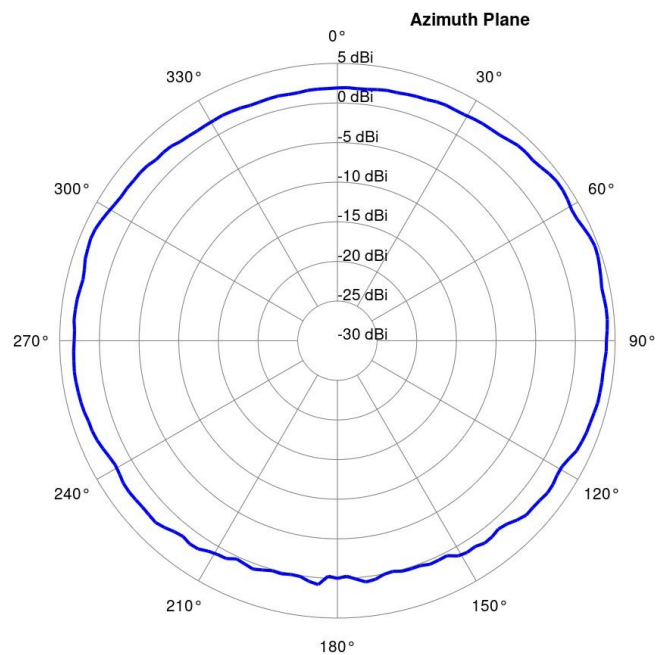
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Antenna Gain

5.25 GHz, E-Plane



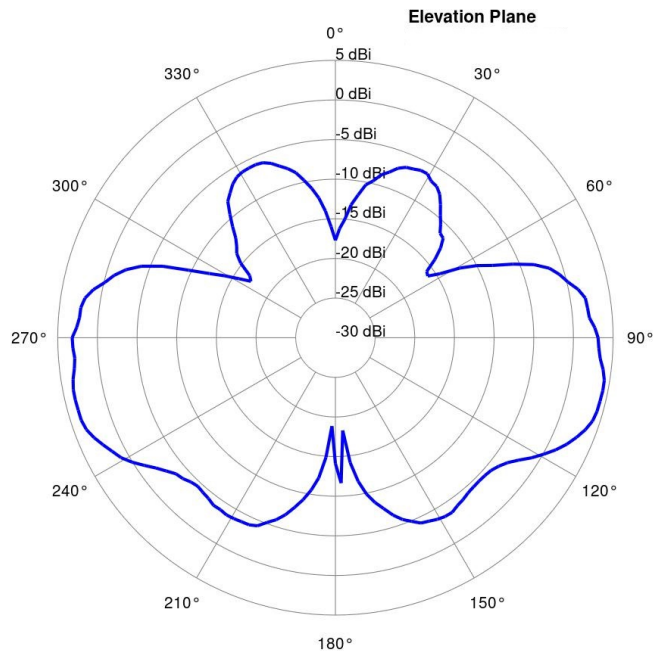
5.25 GHz, H-Plane



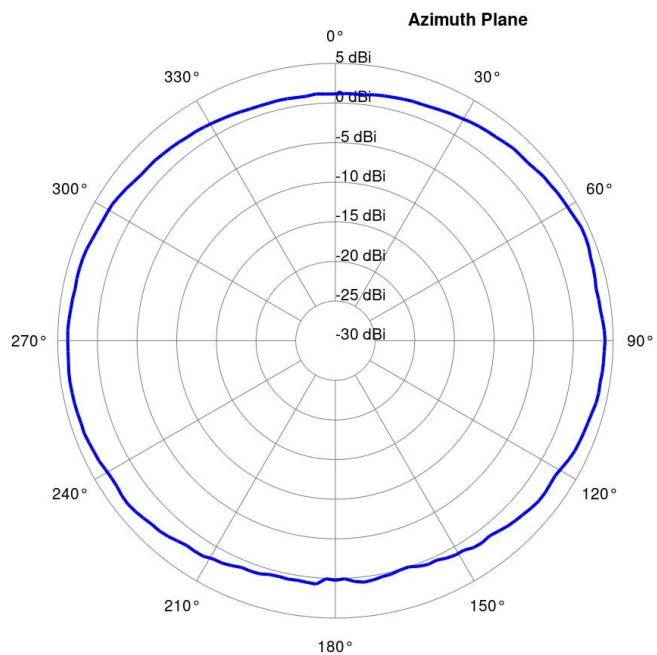
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Antenna Gain

5.55 GHz, E-Plane



5.55 GHz, H-Plane



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