

R&S® AirLancer IN-H180

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



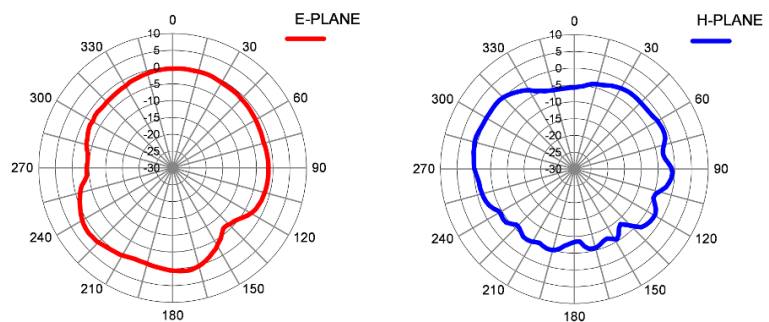
The R&S® AirLancer IN-H180 ceiling antenna combines a discreet look with the best possible Wi-Fi coverage in modern buildings. When installed under a suspended ceiling the antenna fits inconspicuously into the surroundings, making it perfect for businesses, hospitals, schools and hotels. With six connectors it is ideal for operating at 5 GHz with 4x4 MIMO and 2.4 GHz with 2x2 MIMO in parallel.

- ▶ Dual-radio ceiling antenna with 180° beam angle and +3 dBi at 2.4 GHz and +5 dBi gain at 5 GHz
- ▶ MIMO technology for reliable Wi-Fi coverage under difficult conditions
- ▶ 4x4 + 2x2 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 operations

R&S® AirLancer IN-H180

Technical Information	
Frequency Range	2400 MHz - 2500 MHz (cables marked in red) and 4900 MHz - 5900 MHz (cables marked in white)
Impedance	50 Ohm
Polarization	linear, vertical
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	50° @ 2,4 GHz and 40° @ 5 GHz
VSWR	typ. 1,5:1 - max. 2,5:1
Mechanical Information	
Connectors & Cables	6x 1m RG178 cable with RPSMA connector
Dimensions	130 mm (length) x 130 mm (length) x 45 mm (height)
Weight	248g
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
Item number	
R&S® AirLancer IN-H180	61250
Antenna Gain	

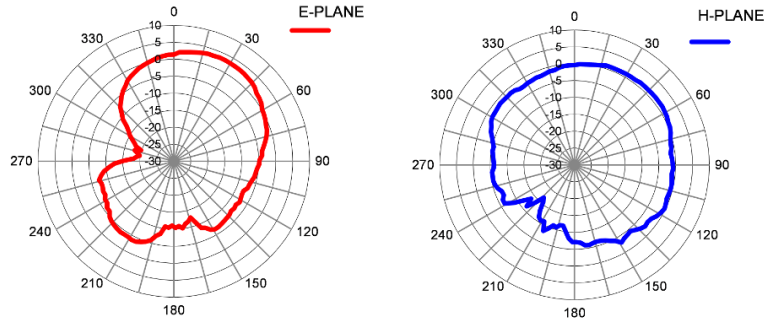
2.4 GHz, antenna pattern



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Antenna Gain

5 GHz, antenna pattern



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