

R&S® AirLancer IN-Q180

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



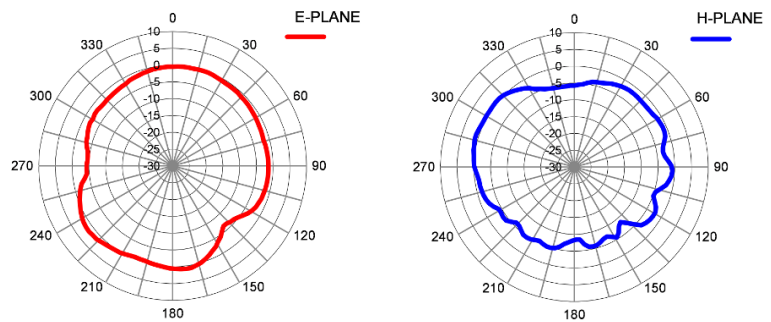
The R&S® AirLancer IN-Q180 ceiling antenna combines a discreet look with the best possible Wi-Fi coverage in modern buildings. When installed under a suspended ceiling the antenna fits inconspicuously into the surroundings, making it perfect for businesses, hospitals, schools and hotels. With four connectors it is ideal for operating at 5 GHz with 2x2 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
- ▶ 4 connectors
- ▶ MIMO technology for reliable Wi-Fi coverage under difficult conditions
- ▶ 2x2 + 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-Q180

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	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
Item number	
R&S® AirLancer IN-Q180	61249
Antenna Gain	

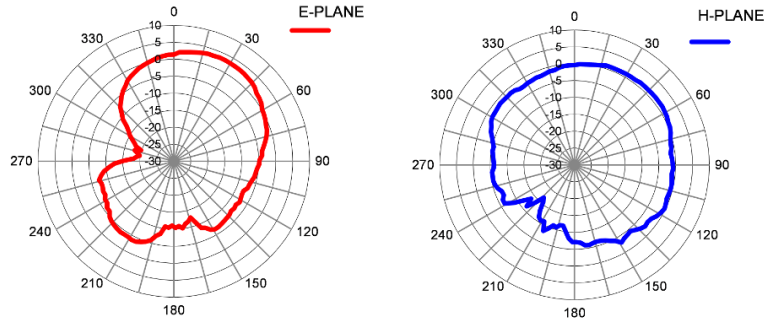
2.4 GHz, antenna pattern



R&S® AirLancer IN-Q180

Antenna Gain

5 GHz, antenna pattern



Rohde & Schwarz Networks and Cybersecurity GmbH
Adenauerstr. 20/B2
52146 Wuersele | Germany
info.rs-nc@rohde-schwarz.com | www.rohde-schwarz.com/networks-and-cybersecurity

R&S and Rohde & Schwarz are trademarks of Rohde & Schwarz GmbH & Co. KG, registered or used, among others, in Germany, the EU, the USA, China, and other countries. Other names or designations used may be registered trademarks of different companies or owners. This document contains forward-looking statements regarding products and product features. The publisher reserves the right to change these at any time without stating reasons. No liability is accepted for technical inaccuracies or omissions. 06/2026

ROHDE & SCHWARZ
Make ideas real

