

Indoor Panel Antenna "Rectangle I"

Product-Nr.: 50110814
 DOP.: n.r.



Usage

The antenna is the interface between subscribers and network. Indoor antenna requires not only electrical performance that guarantees a good connection and signal transmit and receive with subscriber devices but also maintain a low visual impact to general public. Both 1-port version (SISO operation) and 2-port version (MIMO operation) are available for selection. Some of indoor antennas have extended frequency up to 6 GHz for future proof of 5G operation.

Weight

0,40 kg/pc. (incl. mount)

Electrical Properties

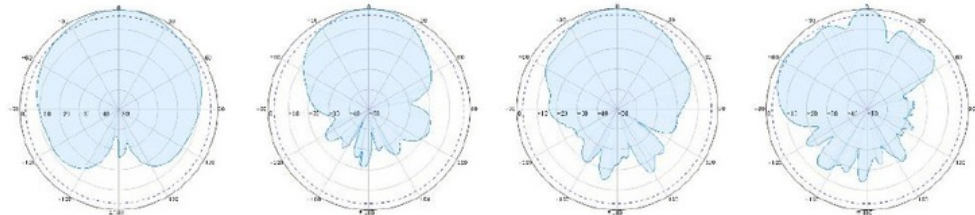
Table	Frequency (MHz)	698-805	806-960	1425-2700	3300-4000	4900-6000
	Gain (dBi)	5,0	6,5	8,0	7,0	8,5
	VSWR	≤ 2,0	≤ 2,0	≤ 1,8	≤ 1,8	≤ 2,0
	Front-to-back ratio (dB)	≥ 9	≥ 10	≥ 15	≥ 11	≥ 8,5
	Horizontal beamwidth (°)	100	85	65	50	14
	Vertical beamwidth (°)	90	82	60	45	16
Polarization		Vertical				
PIM3 [dBc, @2x20W]		≤ -153				
Input impedance [Ω]		50				
Lightning protection		DC Grounded				
Input Power (Average) [W]		50				

Mechanical Properties

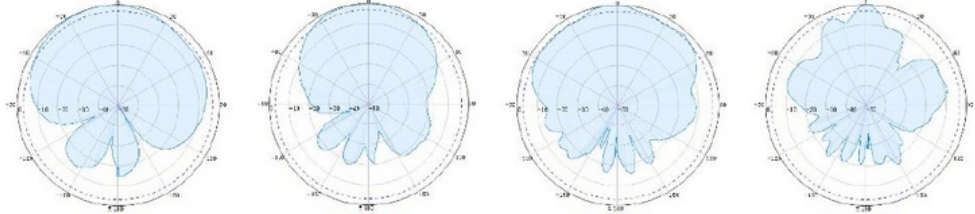
Connector	4.3-10 Female
Reflector material	Aluminum
Radome Material	ABS (UV-stabilisiert)
Dimensions (if applicable excl. connector/bracket) [mm]	180 x 158 x 60
Operating Temperature [°C]	-40 / +65

Radiation Patterns

Horizontal



Vertical



698MHz

2170MHz

3800MHz

5850MHz

Alle Angaben verstehen sich, falls nicht anders angegeben, als Nennwert. Änderungen in Konstruktion und Ausführung vorbehalten.
The data provided is based on nominal values. Subject to change without notice and errors excepted.