The omnidirectional antenna I-ATO5-43-698/4000 is designed for broadband in-building DAS applications supporting all kind of safety as well as 4G and 5G commercial wireless communication networks. The antenna combines an aesthetical design with superior electrical characteristics notably a PIM optimized design to minimize network interferences. The antenna is constructed from lightweight materials ideal for easy ceiling mounting. The low profile and offwhite radome blends easily into most building aesthetics with minimum visual impact.

FEATURES / BENEFITS

- Wideband omni antenna, supporting all wireless services in the frequency bands 698-960MHz / 1350-1710MHz / 1710-2700MHz / 3400-4000MHz
- Typically used in indoor distribution of 2G/3G/4G/5G wireless services in all standardized frequency bands
- PIM optimized antenna design (-153dBc @2x20W)
- · Aesthetical visual appearance, compact and light weight
- Low return loss, stable performance
- Pigtail with 4.3-10 female connector
- Ceiling mounting



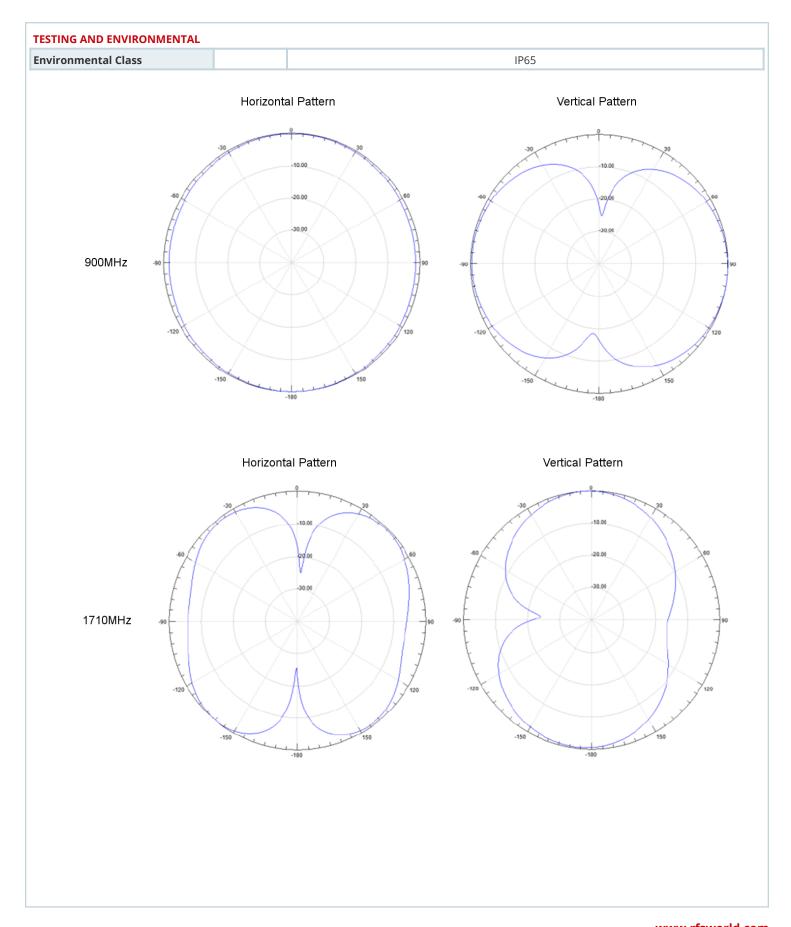
I-ATO5-43-698/4000

Technical features

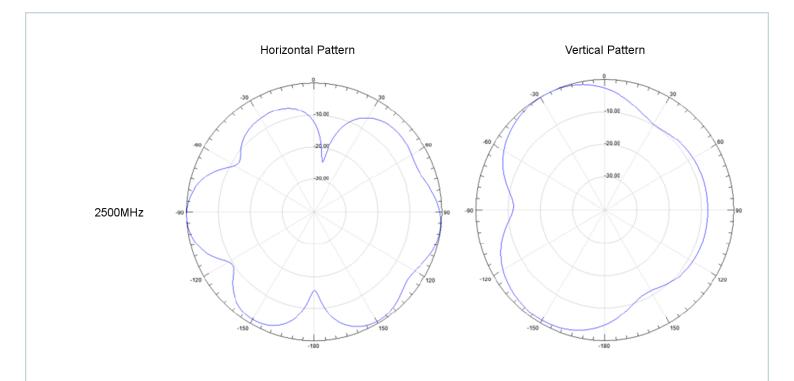
GENERAL SPECIFICATIONS

GENERAL SPECIFICATIONS								
Product Type		Omnidirectional Antenna						
Techn. Application	Indoor							
MECHANICAL SPECIFICATIONS								
Number of Input Ports		1						
Connectors		4.3-10 female						
Connector Cable	mm (in)	300 (11.81)						
Mounting Hardware included		mountig clamp						
Height (Less Connectors)	mm (in)	18 (0.709)						
Diameter (Less Connectors)	mm (in)	220 (8.66)						
Width (Less Connectors)	mm (in)	4.3 ()						
Length (Less Connectors)	mm (in)	4.3 ()						
Weight	kg (lb)	0.3 (0.66)						
ELECTRICAL SPECIFICATIONS								
Frequenz	MHz	698- 806	806- 960	1350- 1710	1710- 2700	3400- 4000		
Gain, typ	dBi	2.2	3.5	4.0	4.5	6.0		
VSWR		1.5	1.5	1.8	1.5	1.5	_	
Impedance, Ohm	Ω	50						
Polarization		Horizontal						
Intermodulation (IM3)		-153 dBc						
Total Input Power max.	W	50						
MATERIAL								
Radome Material		ABS						
Radome Color		White (RAL 9003)						
TEMPERATURE SPECIFICATIONS								
Operation Temperature	°C (°F)	-40 to 55 (-40 to 131)						

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External Document Links

Notes

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