

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 off-white 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

mm (in)

kg (lb)

- 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

Product Type



I-ATO5-43-698/4000

Omnidirectional Antenna

4.3 ()

0.3 (0.66)

Technical features

1	GENERAL SPECIFICATIONS	

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 ()	

ELECTRICAL SPECIFICATIONS

Length (Less Connectors)

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	max	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		

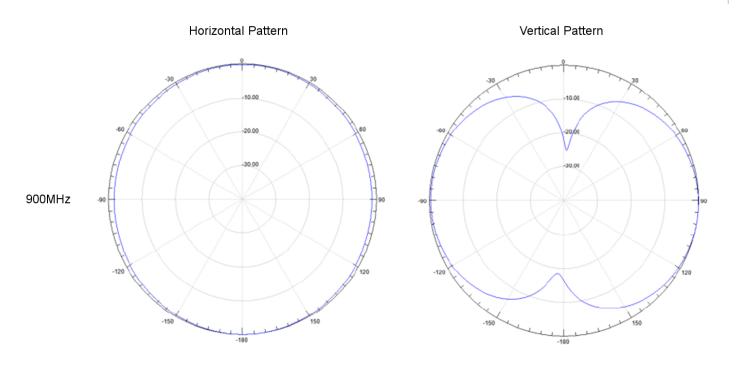
MATERIAL

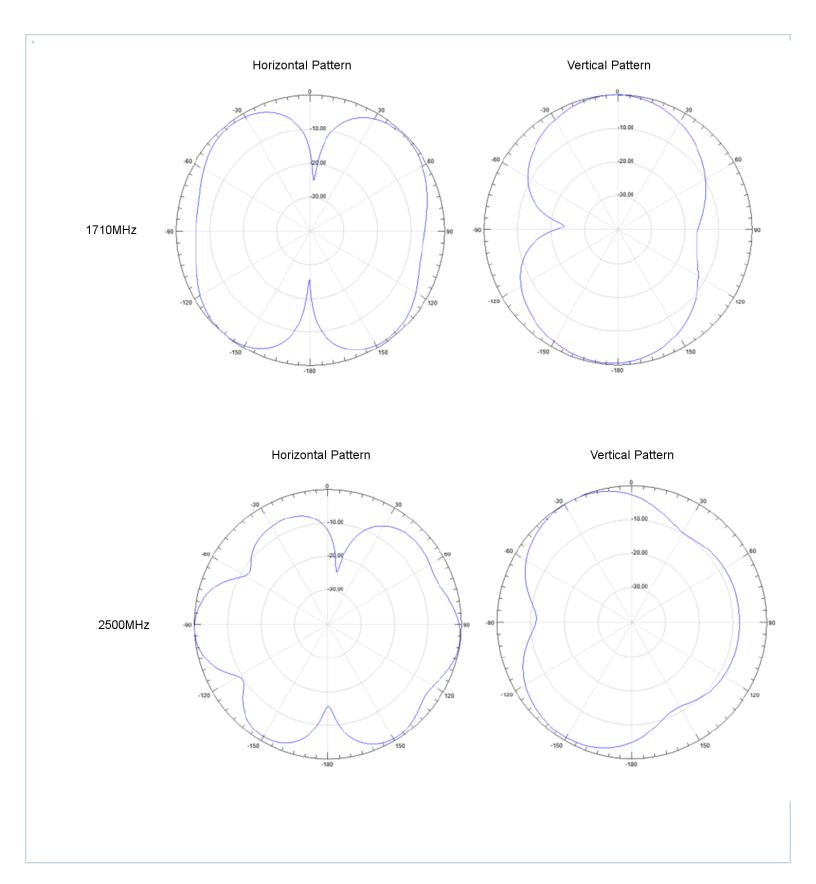
Weight

Radome Material	ABS
Radome Color	White (RAL 9003)



TEMPERATURE SPECIFICATIONS	PERATURE SPECIFICATIONS		
Operation Temperature	°C (°F)	-40 to 55 (-40 to 131)	
TESTING AND ENVIRONMENTAL			
Environmental Class		IP65	







External Document Links	
Notes	