

The panel antenna I-ATP5-698/4000 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 panel antenna, supporting all wireless services in the frequency bands 698-960/1710-2700MHz/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 N female connector
- Ceiling mounting

Technical features

GENERAL SPECIFICATIONS

GENERAL SPECIFICATIONS							
Product Type		Panel Antenna					
Techn. Application		Indoor					
MECHANICAL SPECIFICATIONS							
Number of Input Ports		1					
Connectors		N female					
Connector Cable	mm (in)	200 (7.9)					
Mounting Hardware included		Wall bracket, screws					
Height (Less Connectors)	mm (in)	200 (7.9)					
Width (Less Connectors)	mm (in)	180 (7.1)					
Length (Less Connectors)	mm (in)	62 (2.4)					
Weight	kg (lb)	0.6 (1.32)					
ELECTRICAL SPECIFICATIONS							
Frequency	MHz	698 - 806	806 - 960	1710 - 2170	2170 - 2700	3400 - 4000	
Gain, typ.	dBi	5.0 ± 1.0	6.0 ± 1.0	7.0 ± 1.0	7.5 ± 1.0	8.5 ± 1.0	
max. VSWR	1.8	1.8	1.8	1.8		1.8	
Beam width, Vertical, typ.	o	73	70	60	60	30	
Beam width, Horizontal, typ.	o	80	80	65	60	55	
Impedance, Ohm	Ω	50					



I-ATP5-698/4000

Polarization

REV : D

REV DATE : 09 Jun 2022

www.rfstechnologies.com

I-ATP5-698/4000



