



**I-ATP5-43-698/4000M**

Indoor Panel MIMO Antenna 698-4000 MHz

The panel antenna I-ATP5-43-698/4000M 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 the frequency bands 698-960/1710-2700 / 3400-4000MHz
- Typically used in indoor distribution of 2G/3G/4G/5G wireless services in all standardized frequency bands
- Low return loss, High gain, Stable performance.
- PIM optimized antenna design (-153dBc @2x20W)
- Aesthetical visual appearance, compact and light weight
- Pigtail with 4.3-10 female connector
- Ideal for 4G LTE multi-band MIMO applications



I-ATP5-43-698/4000M

**Technical features**

**GENERAL SPECIFICATIONS**

Product Type		Panel Antenna
Techn. Application		Indoor

**MECHANICAL SPECIFICATIONS**

Number of Input Ports		2
Connectors		4.3-10 female
Mounting Hardware included		Wall bracket, screws
Height (Less Connectors)	mm (in)	62 (2.44)
Diameter (Less Connectors)	mm (in)	4.3 ( )
Width (Less Connectors)	mm (in)	180 (7.1)
Length (Less Connectors)	mm (in)	403 (15.9)
Weight	kg (lb)	1.5 (3.3)

**ELECTRICAL SPECIFICATIONS**

Frequency	MHz	698 - 806	806 - 960	1710 - 2170	2200 - 2700	3400 - 4000
Gain, typ.	dBi	5.0	6.0	7.0	7.5	8.5
max. VSWR		2.0	2.0	2.0	2.0	2.0
Beam width, Vertical, typ.	°	73	70	60	60	30
Beam width, Horizontal, typ.	°	80	80	65	60	55
Impedance, Ohm	Ω	50				
Polarization		Vertical and horizontal				
Intermodulation (IM3)		- 153dBc with 2 x 20W				
Total Input Power max.	W	50				



**MATERIAL**

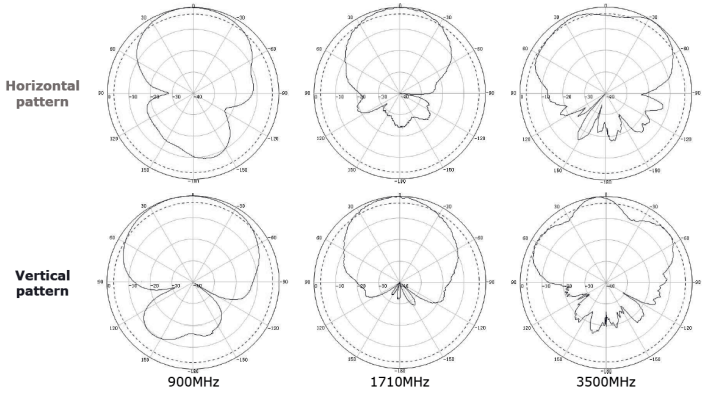
Radome Material		ABS
Radome Color		White (RAL 9003)

**TEMPERATURE SPECIFICATIONS**

Operation Temperature	°C (°F)	-40 to 55 (-40 to 131 )
-----------------------	---------	-------------------------

**TESTING AND ENVIRONMENTAL**

Environmental Class		Indoor
---------------------	--	--------



[External Document Links](#)

Notes