

**I-ATP5-43-617/3800M4**

Indoor Panel 4x4 MIMO Antenna 617-3800 MHz

The panel antenna I-ATP5-43-617/3800M4 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 617-960/1710-2700 / 3300-3800MHz
- 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 4x4 MIMO applications



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**Technical features****GENERAL SPECIFICATIONS**

Product Type		Panel Antenna
Techn. Application		Indoor

**MECHANICAL SPECIFICATIONS**

Number of Input Ports		4
Connectors		4.3-10 female
Mounting Hardware included		On-wall
Height (Less Connectors)	mm (in)	100 (3.937)
Width (Less Connectors)	mm (in)	310 (12.205)
Length (Less Connectors)	mm (in)	420 (16.5)
Weight	kg (lb)	2.65 (5.842)

**ELECTRICAL SPECIFICATIONS**

Frequency	MHz	617 - 698	698-960	1710-2700	3300-3800
Gain, typ.	dBi	5.5±1	6±1	7±1	6±1
VSWR	max	≤2.0	≤2.0	≤2.0	≤2.0
Beam width, Vertical, typ.	°	70	70	68	50
Beam width, Horizontal, typ.	°	80	70	68	55
Isolation	dB	>15	>15	>20	>20
Front-To-Back Ratio	dB	5	5	10	8
Impedance, Ohm	Ω	50			
Polarization		2x ± 45deg			
Intermodulation (IM3)		- 153dBc with 2 x 20W			
Total Input Power max.	W	50			

**MATERIAL**

Radome Material		ABS
Radome Color		White (RAL 9003)

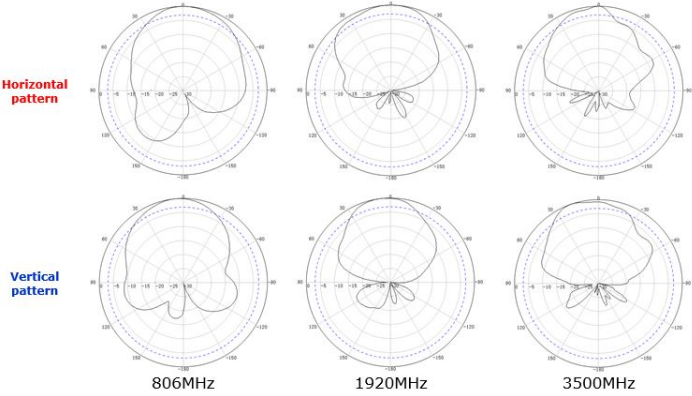


TEMPERATURE SPECIFICATIONS

Operation Temperature	°C (°F)	-55 to 60 (-67 to 140 )
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TESTING AND ENVIRONMENTAL

Environmental Class		Indoor
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External Document Links

Notes