

The panel antenna I-ATP5-43-380/2700 is designed for broadband in-building DAS applications supporting all kind of mission critical and 4G 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 380-530 / 698-960/1710-2700MHz
- Typically used in indoor distribution of LTE services in combination with mission critical communication systems
- PIM optimized antenna design (140dBc @2x20W)
- Aesthetical visual appearance, compact and lightweight
- Pigtail with 4.3-10 female connector



I-ATP5-43-380/2700

## Technical features

### GENERAL SPECIFICATIONS

Product Type		Panel 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		Wall installation
Height (Less Connectors)	mm (in)	65 (2.56)
Diameter (Less Connectors)	mm (in)	4.3 ( )
Width (Less Connectors)	mm (in)	190 (7.48)
Length (Less Connectors)	mm (in)	308 (12.12)
Weight	kg (lb)	0.6 (1.32)

### ELECTRICAL SPECIFICATIONS

Frequency	MHz	380 - 530	698 - 960	1710 - 2170
Gain, typ.	dBi	4.0 ± 1.0	5.0 ± 1.0	7.0 ± 1.0
max. VSWR		2.5	2.0	2.0
Beam width, Vertical, typ.	°	50	65	65
Beam width, Horizontal, typ.	°	150	90	75
Intermodulation (IM3) (2x20W)	dBc	/	140dBc	140dBc
Impedance, Ohm	Ω	50		
Polarization		Vertical		
Total Input Power max.	W	50		

## MATERIAL

Radome Material		ABS
Radome Color		White (RAL9003)

## TEMPERATURE SPECIFICATIONS

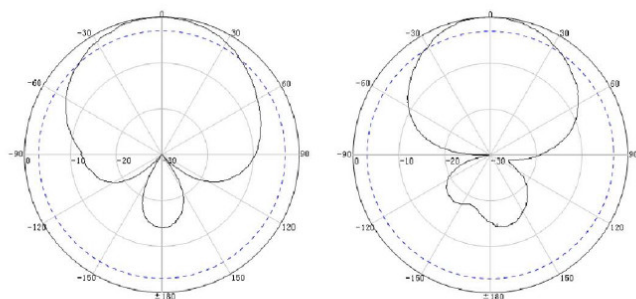
Operation Temperature	°C (°F)	-40 to 55 (-40 to 131 )
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## TESTING AND ENVIRONMENTAL

Environmental Class		Indoor
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Horizontal Pattern

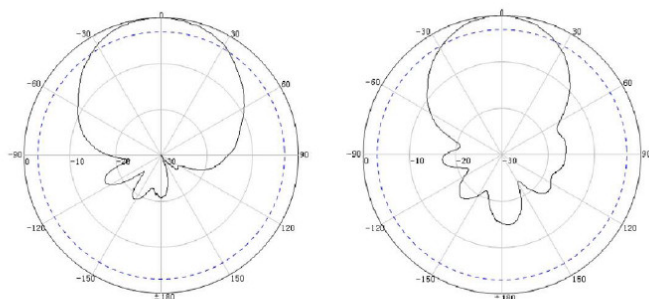
Vertical Pattern



900MHz

Horizontal Pattern

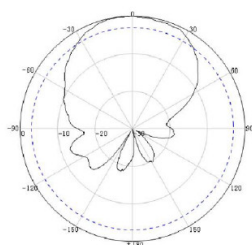
Vertical Pattern



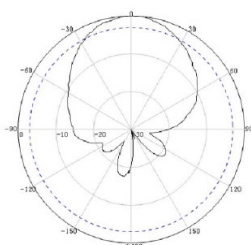
1710MHz



Horizontal Pattern



Vertical Pattern



2500MHz

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