



I-AT05-43-617/6000

Indoor Omnidirectional Antenna 617-6000 MHz

Indoor Antenna, Omni



Features / Benefits

- **Wideband omnidirectional antenna**
Designed for broadband in-building DAS applications
- **Aesthetical visual appearance**
Blends easily into most building aesthetics with minimum visual impact
- **Superior electrical characteristics**
PIM optimized Antenna design and low return loss
- **Outstanding performance**
100 % PIM & VSWR tested
- **Easy installation, ceiling mounting**
Compact construction made of light weight materials for easy ceiling mounting
- **Indoor distribution of various communication services**

Technical Features

STRUCTURE

Product Type	Omnidirectional Antenna
Interface	4.3-10 female
Number of Ports	1
Mounting Hardware	Ceiling, via hole
Radome Material	ABS
Radome Color	White (RAL 9003)

MECHANICAL SPECIFICATIONS

Height (Less Connectors)	18mm (0.71in)
Diameter (Less Connectors)	220mm (8.66in)
Weight	0.3kg (0.66lb)

ELECTRICAL SPECIFICATIONS

Polarization	Linear Horizontal					
Impedance	50 Ω					
Total Input Power max.	100 W					
Intermodulation, 3rd Order	≤ -153 dBc					
Frequency Bands [MHz]	617-806	806-960	1350-1550	1690-2700	3300-3800	4900-6000
Gain [dBi]	1.5±0.5	2.2±0.5	3.5±0.5	4.5±1.0	6.0±1.0	6.0±1.0
Return Loss [dB] (VSWR)	10.9 (1.8)	10.9 (1.8)	10.9 (1.8)	10.9 (1.8)	10.9 (1.8)	10.9 (1.8)

TESTING AND ENVIRONMENTAL

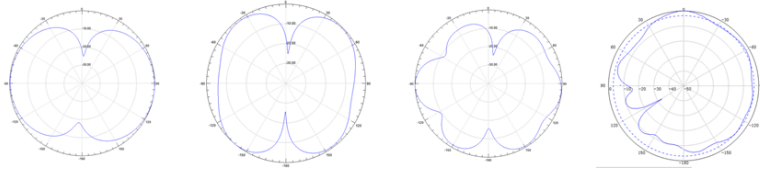
Ingress Protection (IP) Rating	Indoor
Maximum Humidity	< 95 %
Operation Temperature, Minimum	-40°C (-40°F)
Operation Temperature, Maximum	60°C (140°F)



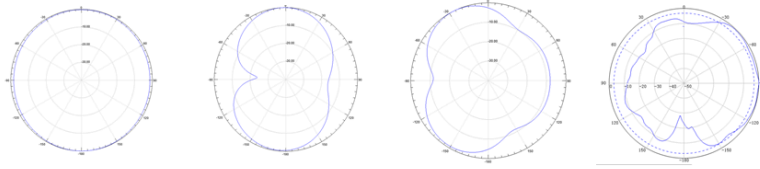
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**Horizontal
pattern**



**Vertical
pattern**



900MHz

1710MHz

2500MHz

3500MHz