

The omnidirectional antenna I-ATO5-43-380/6000 is designed for broadband in-building DAS applications supporting all kind of safety as well 4G/5G commercial wireless communication networks and WiFi/WLAN in all bands.

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 omnidirectional antenna, supporting all wireless services in the frequency bands 380-520 / 698-960/ 1710-6000MHz
- · Aesthetical visual appearance, compact and light weight
- Indoor distribution of saftey and commercial wireless services
- PIM optimized antenna design (up to 153dBc @2x20W)
- · Easy installation, ceiling mounting



I-ATO5-43-380/6000

Omnidirectional Antenna

Indoor

Technical features

Product Type

Techn. Application

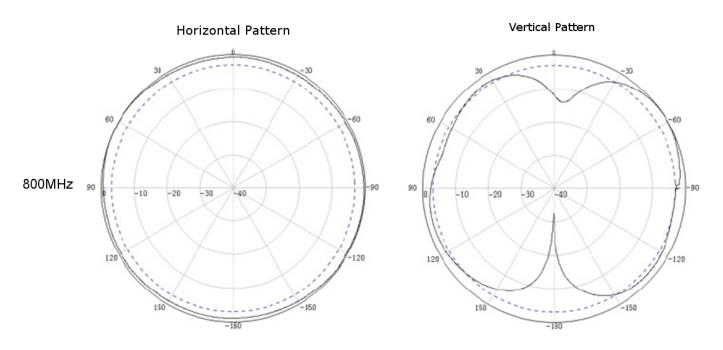
MECHANICAL SPECIFICATIONS					
Number of Input Ports		1			
Connectors		4.3-10 female			
Connector Cable	mm (in)	300 (11.81)			
Mounting Hardware included		Ceiling, via hole			
Height (Less Connectors)	mm (in)	152 (6)			
Diameter (Less Connectors)	mm (in)	298 (11.7)			
Width (Less Connectors)	mm (in)	4.3 ()			
Length (Less Connectors)	mm (in)	4.3 ()			
Weight	kg (lb)	0.9 (1.98)			
ELECTRICAL SPECIFICATIONS					

Frequenz	MHz	380-520	698-960	1710-6000	
Gain	dBi	2.0 ± 1.0	2.5 ± 1.0	4.0 ± 1.0	
Beamwidth, vertical, typ.	o	90	90	35	
VSWR		3.0	2.0	2.0	
Intermodulation (IM3) (2x20W)	dBc	/	153dBc	153dBc	
Impedance, Ohm	Ω	50			
Polarization		Vertical			
Total Input Power max.	W	50			

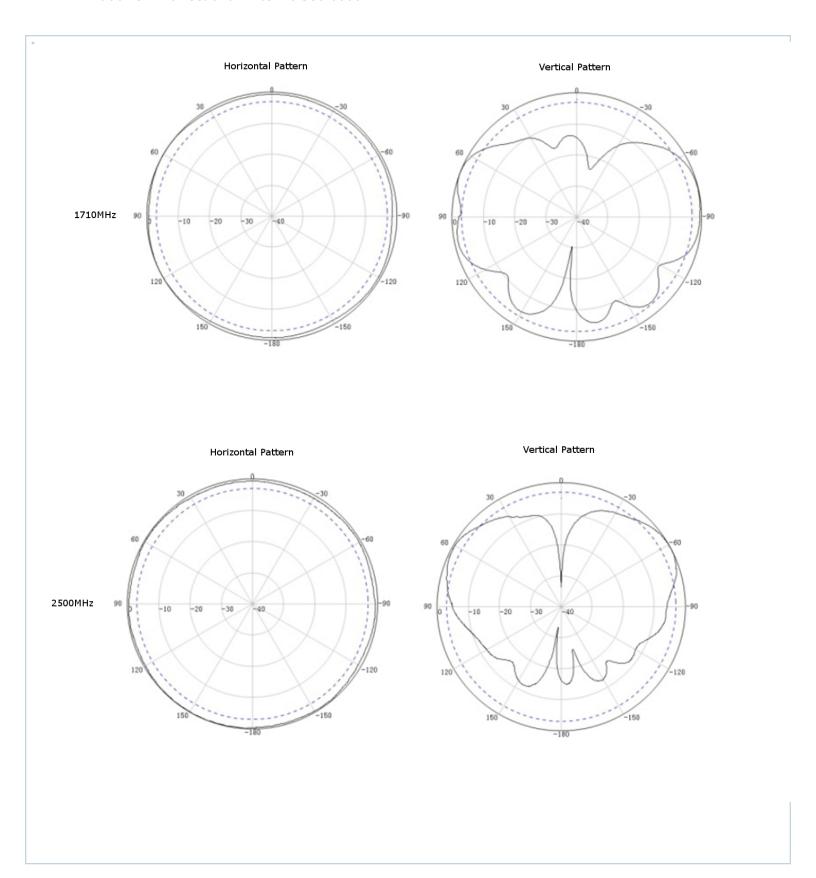
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MATERIAL					
Radome Material	ABS				
Radome Color		White (RAL 9003)			
TEMPERATURE SPECIFICATIONS					
Operation Temperature	°C (°F)	-40 to 55 (-40 to 131)			
TESTING AND ENVIRONMENTAL					
Environmental Class		Indoor			



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External Document Links		
Notes		

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