The omnidirectional antenna I-ATO5-380/2700 is designed for broadband in-building DAS applications supporting all kind of safety 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 omnidirectional antenna, supporting all wireless services in the frequency bands 380-520 / 698-960/ 1710-2700MHz
- · Aesthetical visual appearance, compact and light weight
- Indoor distribution of safety and commercial wireless services
- PIM optimized antenna design (140dBc @2x20W)
- Easy installation, ceiling mounting



Technical features

Product Type		Omnidirectional Antenna			
		Indoor			
Techn. Application MECHANICAL SPECIFICATIONS				indoor	
Number of Input Ports		1 N. Ferrada			
Connectors	(')	N female			
Connector Cable	mm (in)	300 (11.81)			
Mounting Hardware included		Ceiling, via hole			
Height (Less Connectors)	mm (in)	18 (0.709)			
Diameter (Less Connectors)	mm (in)	266 (10.47)			
Weight	kg (lb)	0.4 (0.88)			
ELECTRICAL SPECIFICATIONS					
Frequenz	MHz	380-520	698-960	1710-2700	
Gain	dBi	2.0 ± 1.0	2.2 ± 1.0	4.5 ± 1.0	
/SWR		2.5	2.0	2.0	
ntermodulation (IM3) 2x20W)	dBc	/	140dBc	140dBc	
Impedance, Ohm	Ω	50			
Polarization		Horizontal			
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		IP65			

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