

**I-ATO5-43-698/4000**

Indoor Omnidirectional Antenna 698-4000 MHz



The omnidirectional antenna I-ATO5-43-698/4000 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 omni antenna, supporting all wireless services in the frequency bands 698-960MHz / 1350-1710MHz / 1710-2700MHz / 3400-4000MHz**
- **Typically used in indoor distribution of 2G/3G/4G/5G wireless services in all standardized frequency bands**
- **PIM optimized antenna design (-153dBc @2x20W)**
- **Aesthetical visual appearance, compact and light weight**
- **Low return loss, stable performance**
- **Pigtail with 4.3-10 female connector**
- **Ceiling mounting**

Technical Features**STRUCTURE**

Product Type	Omnidirectional Antenna
Polarization	Horizontal
Connectors	4.3-10 female
Number of Input Ports	1
Mounting Hardware included	mountig clamp
Radome Material	ABS
Radome Color	White (RAL 9003)

MECHANICAL SPECIFICATIONS

Connector Cable	300mm (11.81in)
Height (Less Connectors)	18mm (0.709in)
Diameter (Less Connectors)	220mm (8.66in)
Width (Less Connectors)	
Length (Less Connectors)	
Weight	0.3kg (0.66lb)

ELECTRICAL SPECIFICATIONS

Impedance	50 Ω
Intermodulation (IM3)	-153 dBc
Total Input Power max.	100 W



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TEMPERATURE SPECIFICATIONS

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

Environmental Class	IP65
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