

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

Indoor Omnidirectional MIMO 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 omnidirectional antenna supporting all wireless services in the frequency bands 698-960 / 1710-2700 / 3400-4000MHz**
- **Typically used in indoor distribution of 2G / 3G / 4G / 5G wireless services in all standardized frequency bands**
- **PIM optimized antenna design (150dBc @2x20W)**
- **Aesthetical visual appearance, compact and light weight**
- **Low loss pigtail with 4.3-10 female connector**
- **Ideal for 4G LTE multi-band MIMO applications**

Technical Features**STRUCTURE**

Product Type	Omnidirectional Antenna
Polarization	Linear x2
Connectors	4.3-10 female
Number of Input Ports	2
Radome Material	ABS
Radome Color	White (RAL 9003)

MECHANICAL SPECIFICATIONS

Height (Less Connectors)	40mm (1.57in)
Diameter (Less Connectors)	218mm (8.58in)
Weight	0.5kg (1.1lb)

ELECTRICAL SPECIFICATIONS

Impedance	50 Ω
Intermodulation (IM3)	-150 dBc
Total Input Power max.	50 W

TEMPERATURE SPECIFICATIONS

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

Environmental Class	Indoor
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