PRODUCT DATASHEET

I-ATO5-43-350/6000

Indoor Omnidirectional Antenna 350-6000 MHz

The omnidirectional antenna I-ATO5-43-350/6000 is designed for broadband in-building DAS applications supporting public safety, 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.

I-ATO5-43-350/6000

FEATURES / BENEFITS

- **Wideband omnidirectional antenna, supporting all wireless services in the frequency bands 350-520 / 600-960 / 1350-1550 / 1690-2700 / 3300-4200 / 4900-6000MHz**
- **Aesthetical visual appearance, compact and light weight**
- **Indoor distribution of public safety, commercial wireless services and WiFi/WLAN**
- **PIM optimized antenna design (up to 153dBc @2x20W)**
- **Easy installation, ceiling mounting**

Technical features

GENERAL SPECIFICATIONS

Product Type		Omnidirectional Antenna
Techn. Application		Indoor

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)	10 (0.394)
Diameter (Less Connectors)	mm (in)	290 (11.417)
Weight	kg (lb)	0.5 (1.102)

ELECTRICAL SPECIFICATIONS

Frequenz	MHz	350-520	600-960	1350-1550	1690-2700	3300-4200	4900-6000
Gain	dBi	3.0±1.0	3.0±1.0	4.0±1.0	4.0±1.0	5.0±1.0	5.0±1.0
VSWR	max	2.0	2.0	1.8	1.8	1.8	1.8
Intermodulation (IM3) (2x20W)	dBc	≤-153dBc	≤-153dBc	≤-153dBc	≤-153dBc	≤-153dBc	≤-153dBc
Impedance, Ohm	Ω	50					
Polarization		Horizontal					
Total Input Power max.	W	50					

MATERIAL

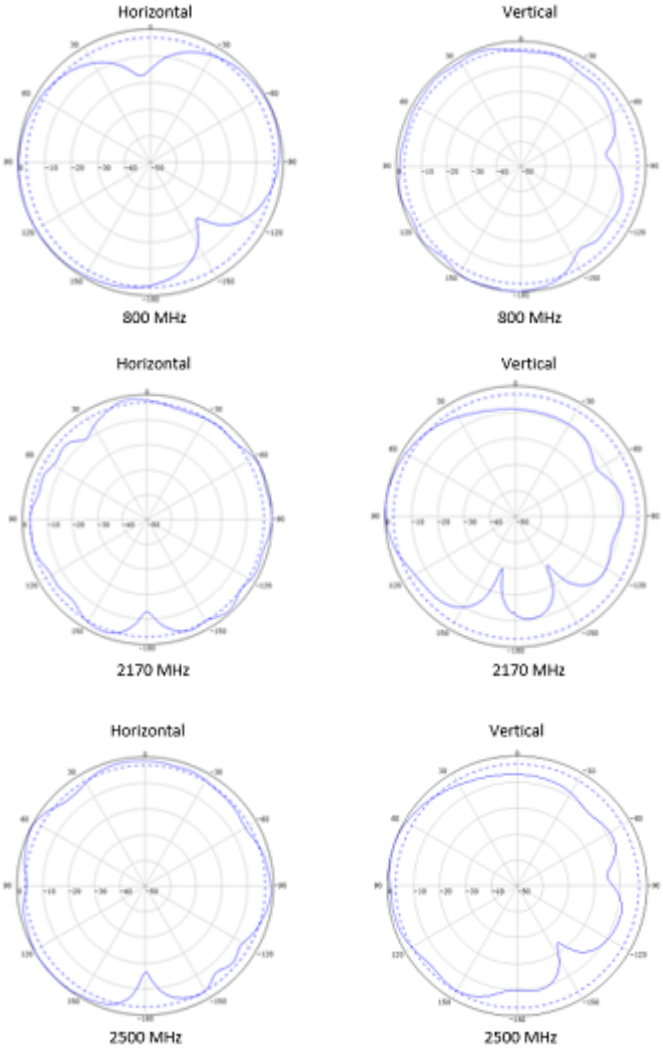
Radome Material		ABS
Radome Color		White (RAL 9003)

TEMPERATURE SPECIFICATIONS

Operation Temperature	°C (°F)	-55 to 60 (-67 to 140)

TESTING AND ENVIRONMENTAL

Environmental Class		Indoor



External Document Links

Notes