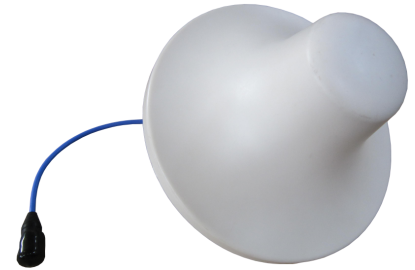




Indoor Omnidirectional Antenna 698-2700 MHz

Product Description

This omnidirectional antenna is designed for broadband in-building distribution of modern wireless communication systems as LTE, GSM, CDMA, 3G and WiFi, services. The antenna ensures highest performance for in-building passive DAS applications avoiding passive intermodulation products due to the PIM optimized design. 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.



Indoor Omnidirectional Antenna

Features/Benefits

- Wideband omni-directional antenna supporting all wireless services in the frequency bands 698-960/1710-2700MHz
- PIM optimized antenna design (150dBc @2x20W)
- Aesthetical visual appearance, compact and light weight
- Low loss pigtail with N female connector

Technical Specifications

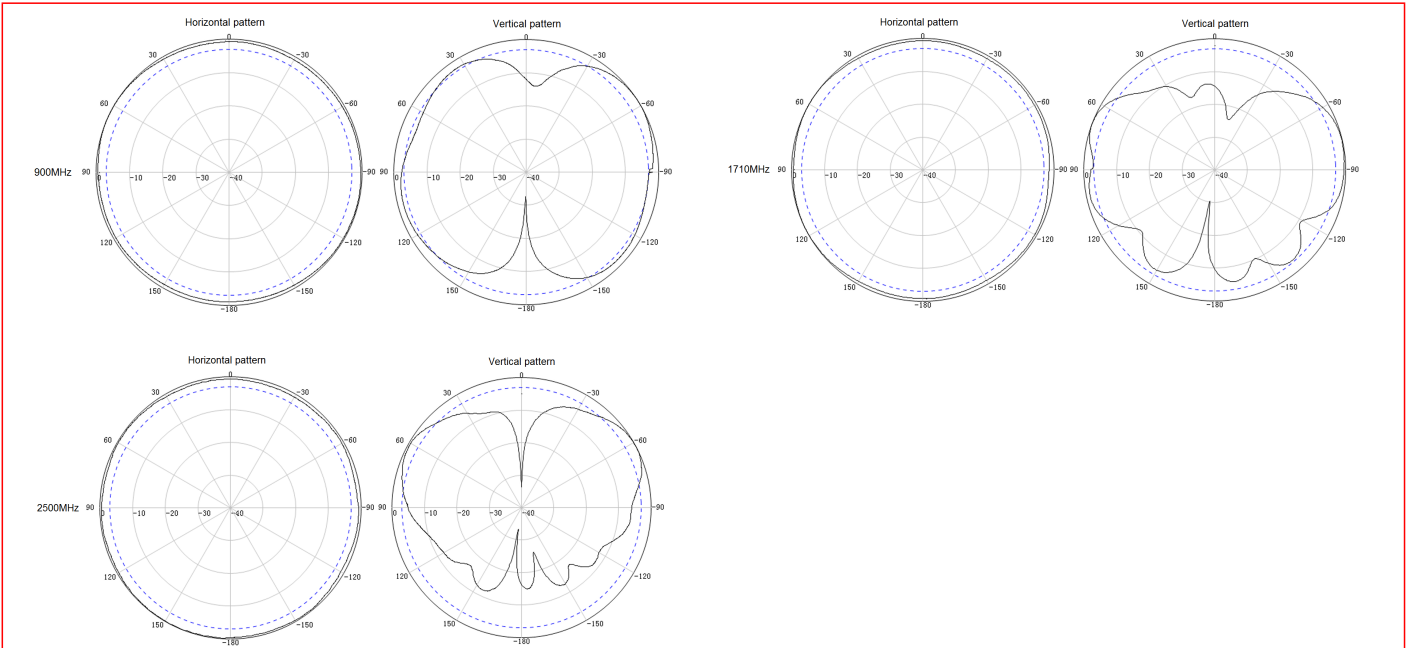
Product Type	Omnidirectional Antenna
Application	Indoor
Frequency Range, MHz	698-960 / 1710-2700
Number of Input Ports	1
Connectors	N female
Impedance, Ohm	50
max. VSWR	1.8 @ 698-960MHz 1.5 @ 1710-2700MHz
Intermodulation (IM3)	-150 dBc with 2 x 20W, typ. 153 dBc
Total Input Power, W	max. 50
Gain, dBi	2.5 ± 1.0 @ 698-960MHz 4.5 ± 1.5 @ 1710-2700MHz
Polarization	Vertical
Horizontal Beamwidth, deg	360
Vertical Beamwidth, deg	typ. 60 @ 698-960 MHz typ. 35 @ 1710-2700 MHz
Radome Material	ABS
Radome Color	White (RAL9003)
Mounting Hardware included	mounting clamp
Temperature Range, °C (°F)	-40 to +55 (-40 to 131)
Height, mm (in)	98 (3.86)
Width, mm (in)	Ø 203 (7.97)
Weight, kg (lb)	0.4 (0.89)
Environmental Class	Indoor

Notes

Other Documentation



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All information contained in the present datasheet is subject to confirmation at time of ordering