

## Indoor Omnidirectional Antenna 690-6400 MHz

**Product Description**

This omnidirectional antenna is specifically designed for broadband in-building distribution of 2G, 3G, WiFi, WLAN and Wimax services. The antenna is constructed from lightweight materials suitable for ceiling mounting. The off-white radome blends easily into most building aesthetics.



Indoor Omnidirectional Antenna

**Features/Benefits**

- Full Wide Band 690-6400MHz
- Aesthetically designed, compact and light weight.
- N female connector.

**Technical Specifications**

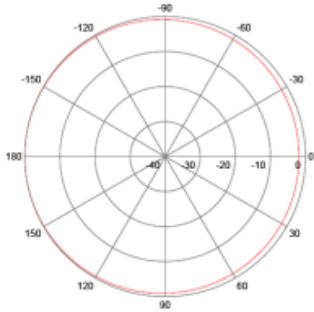
Product Type	Omnidirectional Antenna
Application	Indoor
Frequency Range, MHz	690-6400
Number of Input Ports	1
Connectors	N female
Impedance, Ohm	50
VSWR (50 Ohm)	2.0:1 @ 690 - 1100MHz 1.5:1 @ 1100 - 1710MHz 1.7:1 @ 1710 - 2700MHz 1.5:1 @ 2700 - 3800MHz 1.7:1 @ 3800 - 5150MHz 1.5:1 @ 5150 - 6400MHz
Intermodulation (IM3)	145 dBc with 2 x 30 dBm
Total Input Power, W	max. 10 at 25°
Gain, dBi	4.0 @ 690 - 1100MHz MHz 6.0 @ 1100 - 1710MHz MHz 6.0 @ 1710 - 2700MHz MHz 7.0 @ 2700 - 3800MHz MHz 7.5 @ 3800 - 5150MHz MHz 8.5 @ 5150 - 6400MHz MHz
Polarization	Linear, Vertical
Horizontal Beamwidth, deg	360
Radiating Element Material	Aluminium
Radome Material	ABS UL94V-0
Radome Color	White (RAL9010)
Mounting Hardware included	3 plastic screws for false ceiling mounting
Temperature Range, °C (°F)	0 to +55 (32 to 131) operating; -40 to +80 (-40 to 176) storage
Height, mm (in)	70 (2.75)
Width, mm (in)	Ø 321 (12.64)
Weight, kg (lb)	1.0 (2.21)
Environmental Class	Indoor

**Notes****Other Documentation**

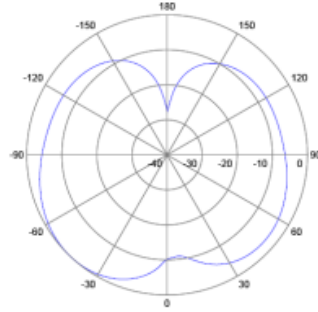


Indoor Omnidirectional Antenna 690-6400 MHz

Radiation Pattern Frequency: 950MHz

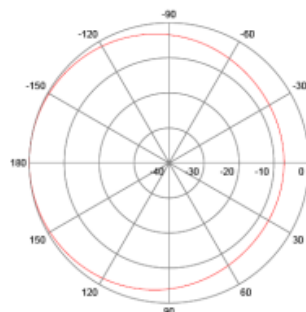


Horizontal-Plane

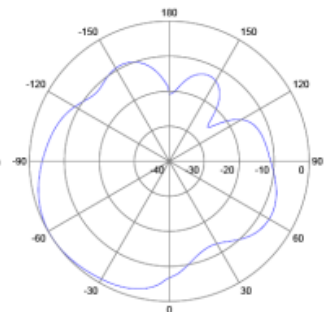


Vertical-Plane

Radiation Pattern Frequency: 1895MHz

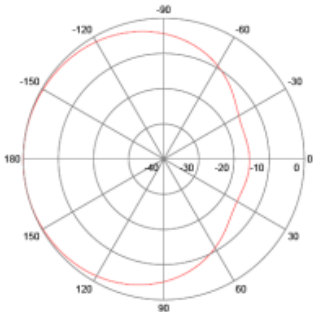


Horizontal-Plane

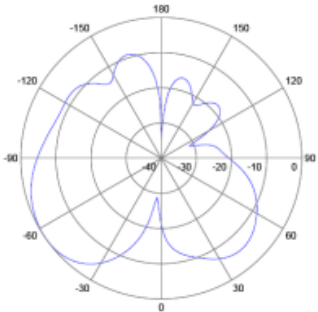


Vertical-Plane

Radiation Pattern Frequency: 2400MHz

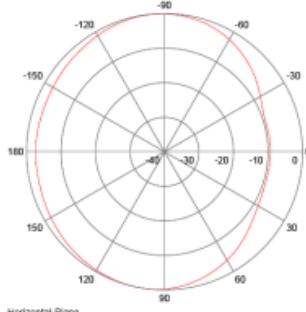


Horizontal-Plane

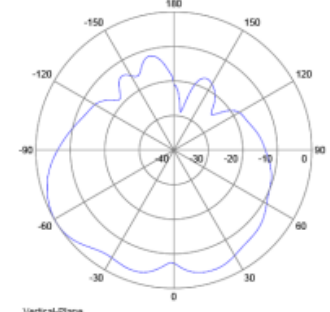


Vertical-Plane

Radiation Pattern Frequency: 3500MHz



Horizontal-Plane



Vertical-Plane

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