

**Andrew Solutions****CELLMAX-O-CPUSEi****Cell-Max™ Omni In-building Antenna, 698–960 MHz and 1710–2700 MHz**

## Electrical Specifications

Frequency Band, MHz	698–800	800–960	1710–2700
Gain, dBi	1.5	1.5	5.0
Beamwidth, Horizontal, degrees	360	360	360
Beamwidth, Vertical, degrees	80.0	65.0	65.0
VSWR   Return Loss, dB	1.8:1   10.9	1.5:1   14.0	1.5:1   14.0
PIM, 3rd Order, 2 x 20 W, dBc	-140	-140	-140
Input Power per Port, maximum, watts	50	50	50
Polarization	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm

## General Specifications

Antenna Type	Omni
Application	Indoor
Operating Frequency Band	1710 – 2700 MHz   698 – 960 MHz
Brand	Cell-Max™
Mount Type	Thru-hole ceiling mount (optional)
Package Quantity	1
Pigtail Cable	670-141SXE, plenum rated

## Electrical Specifications

Electrical Note	PIM specifications are less than or equal to the stated value
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## Mechanical Specifications

Color	White
Connector Interface	N Female
Pigtail Length	500.0 mm   19.7 in
Radome Material	ABS, UV resistant

## Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%

## Dimensions

Height	85.00 mm   3.35 in
Length	186.00 mm   7.32 in
Width	186.00 mm   7.32 in
Outer Diameter	186.00 mm   7.32 in
Net Weight	0.33 kg   0.73 lb

CELLMAX-O-CPUSEi



## Packed Dimensions

Height	135.00 mm		5.31 in
Length	195.00 mm		7.68 in
Width	195.00 mm		7.68 in
Shipping Weight	0.44 kg		0.97 lb

## Regulatory Compliance/Certifications

### Agency

RoHS 2011/65/EU  
ISO 9001:2008

### Classification

Compliant by Exemption  
Designed, manufactured and/or distributed under this quality management system

