

# CMAX-0US1-UW43-153



Cell-Max™ Low PIM Omni In-building Antenna, 617-960, 1400-1600, 1695-2700 MHz, 3300-4200 MHz and 4900-6000MHz 4.3-10, Not recommended for metal ceilings

## Product Classification

<b>Product Type</b>	In-building antenna
<b>Product Brand</b>	Cell-Max™

## General Specifications

<b>Application</b>	Indoor
<b>Antenna Type</b>	Omni
<b>Polarization</b>	Horizontal
<b>Color</b>	White
<b>Mounting</b>	Thru-hole ceiling mount (optional)
<b>Radome Material</b>	ABS
<b>RF Connector Interface</b>	4.3-10 Female

## Dimensions

<b>Height</b>	18 mm   0.709 in
<b>Outer Diameter</b>	220 mm   8.661 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1400 – 1500 MHz   1695 – 2700 MHz   3300 – 3800 MHz   4900 – 6000 MHz   617 – 698 MHz   698 – 960 MHz

## Electrical Specifications

Frequency Band, MHz	617–698	698–960	1400–1500	1695–2700	3300–3800	4900–6000
<b>Gain, dBi</b>	1.5	2.2	3.5	4.5	6	6
<b>Beamwidth, Horizontal, degrees</b>	360	360	360	360	360	360

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<b>VSWR   Return loss, dB</b>	1.8   10.9	1.8   10.9	1.8   10.9	1.8   10.9	1.8   10.9	1.8   10.9
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-153	-153	-153	-153	-153	-153
<b>Input Power per Port, maximum, watts</b>						50

## Environmental Specifications

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

## Packaging and Weights

<b>Height, packed</b>	93 mm   3.661 in
<b>Depth, packed</b>	227 mm   8.937 in
<b>Length, packed</b>	225 mm   8.858 in
<b>Packaging quantity</b>	1
<b>Weight, gross</b>	0.46 kg   1.014 lb
<b>Weight, net</b>	0.3 kg   0.661 lb