

# CMAX-0-43-UW-153

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Cell-Max™ Low PIM Omni In-building Antenna, 617–6000 MHz  
(Recessed ceiling mount kit PN:7760591 sold separately)

## 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>Antenna Array Characteristic</b>	SISO
<b>Polarization</b>	Vertical
<b>Color</b>	White (RAL 9016)
<b>Mounting</b>	Thru-hole ceiling mount (optional)
<b>Number of Ports</b>	1
<b>Pigtail Cable</b>	670-141SXE, plenum rated
<b>Radome Material</b>	ASA+PC, UV stabilized
<b>RF Connector Interface</b>	4.3-10 Female

## Dimensions

<b>Height</b>	82 mm   3.228 in
<b>Pigtail Length</b>	500 mm   19.685 in
<b>Outer Diameter</b>	206 mm   8.11 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1400 – 1600 MHz   1710 – 2700 MHz   3300 – 4200 MHz   5150 – 5925 MHz   617 – 698 MHz   698 – 960 MHz
<b>Electrical Note</b>	Values typical, unless otherwise stated

## Electrical Specifications

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Frequency Band, MHz	617–698	698–960	1400–1600	1710–2700	3300–4200	5150–5925
Gain, dBi	2.1	2.1	3	4	4.3	5.4
Beamwidth, Horizontal, degrees	360	360	360	360	360	360
VSWR   Return loss, dB	1.7 11.7	1.5 14.0	1.7 11.7	1.5 14.0	1.6 12.7	1.6 12.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	
Input Power per Port, maximum, watts	100	100	100	100	100	100

## Environmental Specifications

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

## Packaging and Weights

Height, packed	210 mm   8.268 in
Width, packed	190 mm   7.48 in
Length, packed	210 mm   8.268 in
Packaging quantity	1
Weight, gross	0.6 kg   1.323 lb
Weight, net	0.4 kg   0.882 lb

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant
UK-ROHS	Compliant

