



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

This product will be discontinued on: July 30, 2022

Replaced By:

CMAX-O-43-UW-153      Cell-Max™ Low PIM Omni In-building Antenna, 617–6000 MHz (Recessed ceiling mount kit PN: 7760591 sold separately)

Product Classification

Product Type	In-building antenna
Product Brand	Cell-Max™

General Specifications

Application	Indoor
Antenna Type	Omni
Antenna Array Characteristic	SISO
Polarization	Vertical
Color	White (RAL 9016)
Mounting	Thru-hole ceiling mount (optional)
Number of Ports	1
Pigtail Cable	670-141SXE, plenum rated
Radome Material	ASA+PC, UV stabilized
RF Connector Interface	N Female

Dimensions

Height	82 mm   3.228 in
Pigtail Length	500 mm   19.685 in
Outer Diameter	206 mm   8.11 in

## Electrical Specifications

<b>Electrical Note</b>	Values typical, unless otherwise stated
<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1400 – 1600 MHz   1710 – 2700 MHz   3300 – 3800 MHz   5150 – 5925 MHz   617 – 698 MHz   698 – 960 MHz

## Electrical Specifications

Frequency Band, MHz	617–698	698–960	1400–1600	1710–2700	3300–3800	5150–5925
<b>Gain, dBi</b>	2.1	2.1	3	4	4.3	5.4
<b>Beamwidth, Horizontal, degrees</b>	360	360	360	360	360	360
<b>VSWR   Return loss, dB</b>	1.7 11.7	1.5 14.0	1.7 11.7	1.5 14.0	1.6 12.7	1.6 12.7
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-153	-153	-153	-153	-153	
<b>Input Power per Port, maximum, watts</b>	100	100	100	100	100	100

## 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>	210 mm   8.268 in
<b>Width, packed</b>	190 mm   7.48 in
<b>Length, packed</b>	210 mm   8.268 in
<b>Packaging quantity</b>	1
<b>Weight, gross</b>	0.6 kg   1.323 lb
<b>Weight, net</b>	0.4 kg   0.882 lb

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

