

# CMAX-OUS-TUW-43I



Cell-Max™ Omni In-building Antenna, 350–520MHz, 617-960MHz, 1695-2700MHz, 3300-4200MHz and 4900-6000MHz

## Product Classification

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

## General Specifications

Application	Indoor
Antenna Type	Omni
Antenna Array Characteristic	SISO
Polarization	Linear Horizontal
Color	Signal white (RAL 9003)
Mounting	Thru-hole ceiling mount (optional)
Number of Ports	1
Pigtail Cable	670-141SXE, plenum rated
Radome Material	ABS
RF Connector Interface	4.3-10 Female

## Dimensions

Height	62 mm   2.441 in
Pigtail Length	250 mm   9.843 in
Outer Diameter	290 mm   11.417 in

## Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2700 MHz   3300 – 4200 MHz   350 – 520 MHz   4900 – 6000 MHz   617 – 960 MHz
Electrical Note	Values typical, unless otherwise stated

## Electrical Specifications

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Frequency Band, MHz	350–520	617–960	1695–2700	3300–4200	4900–6000
Gain, dBi	4.4	5	5	6.3	5.9
Beamwidth, Horizontal, degrees	360	360	360	360	360
VSWR   Return loss, dB	1.7   11.7	1.7   11.7	1.5   14.0	1.5   14.0	1.5   14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	
PIM, 3rd Order, typical, 2 x 20 W, dBc					-153
Input Power per Port, maximum, watts	50	50	50	50	50

## Environmental Specifications

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

## Packaging and Weights

Height, packed	310 mm   12.205 in
Depth, packed	85 mm   3.346 in
Length, packed	310 mm   12.205 in
Packaging quantity	1
Weight, gross	0.71 kg   1.565 lb
Weight, net	0.47 kg   1.036 lb

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

