

# CELLMAX-O-TCPUSEWI

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Cell-Max™ Omni In-building Antenna, 350–470 MHz, 617-960MHz and 1710–6000 MHz

- This product is part of the CommScope Wired for Wireless® Solution

## 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
<b>Mounting</b>	Thru-hole ceiling mount (optional)
<b>Mounting Note</b>	For antenna installation on metal ceilings, please contact your local CommScope representative
<b>Number of Ports</b>	1
<b>Pigtail Cable</b>	KSR195, plenum rated
<b>Radome Material</b>	ABS
<b>RF Connector Interface</b>	N Female

## Dimensions

<b>Height</b>	150 mm   5.906 in
<b>Pigtail Length</b>	500 mm   19.685 in
<b>Outer Diameter</b>	248 mm   9.764 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1710 – 6000 MHz   350 – 470 MHz   617 – 806 MHz   698 – 960 MHz
<b>Electrical Note</b>	Values typical, unless otherwise stated

## Electrical Specifications

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Frequency Band, MHz	350–470	617–698	698–960	1710–6000
Gain, dBi	2.5	2.5	3.4	6
Beamwidth, Horizontal, degrees	360	360	360	360
VSWR   Return loss, dB	1.9 10.1	1.8 10.9	1.8 10.9	1.9 10.1
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150	-150
Input Power per Port, maximum, watts	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	260 mm   10.236 in
Depth, packed	220 mm   8.661 in
Length, packed	260 mm   10.236 in
Packaging quantity	1
Weight, gross	1.2 kg   2.646 lb
Weight, net	1 kg   2.205 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
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

