

# CMAX-O-TCPUSEWI53



Cell-Max™ Omni In-building Antenna, 350–470 MHz, 698-960MHz and 1710–6000 MHz

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

## OBSOLETE

This product was discontinued on: July 30, 2022

### Replaced By:

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

## 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>	Vertical
<b>Color</b>	White (RAL 9016)
<b>Pigtail Cable</b>	KSR195, plenum rated
<b>Radome Material</b>	ABS, UV resistant
<b>RF Connector Interface</b>	N Female

## Dimensions

<b>Height</b>	151 mm   5.945 in
<b>Pigtail Length</b>	500 mm   19.685 in
<b>Outer Diameter</b>	297 mm   11.693 in

## Electrical Specifications

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

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## Electrical Specifications

Frequency Band, MHz	350–470	698–960	1710–6000
Gain, dBi	4	3	6
Beamwidth, Horizontal, degrees	360	360	360
VSWR   Return loss, dB	1.9   10.1	1.9   10.1	1.8   10.9
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153
Input Power per Port, maximum, watts	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	250 mm   9.843 in
Depth, packed	335 mm   13.189 in
Length, packed	335 mm   13.189 in
Packaging quantity	1
Weight, gross	1.3 kg   2.866 lb
Weight, net	0.85 kg   1.874 lb

## Regulatory Compliance/Certifications

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

