

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

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

General Specifications

Application	Indoor
Antenna Type	Omni
Polarization	Vertical
Color	White (RAL 9016)
Pigtail Cable	KSR195, plenum rated
Radome Material	ABS, UV resistant
RF Connector Interface	N Female

Dimensions

Height	151 mm 5.945 in
Pigtail Length	500 mm 19.685 in
Outer Diameter	297 mm 11.693 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1710 – 6000 MHz 350 – 470 MHz 698 – 960 MHz
Electrical Note	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