

# CELLMAX-D-CPUSE

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Cell-Max™ Directional In-building Antenna, 698–960 MHz, 1710–2700 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

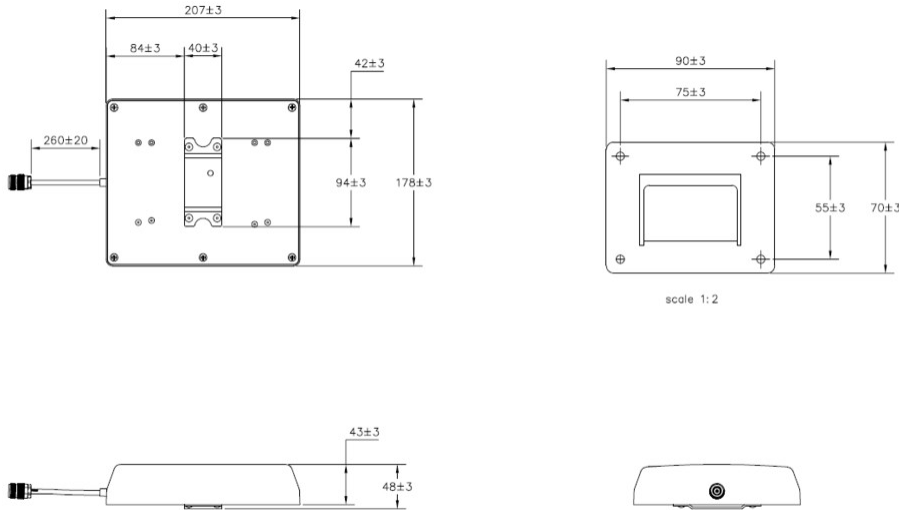
<b>Application</b>	Indoor
<b>Antenna Type</b>	Directional
<b>Antenna Array Characteristic</b>	SISO
<b>Polarization</b>	Vertical
<b>Color</b>	White (RAL 9016)
<b>Mounting</b>	4-hole wall mounting plate and hardware (included)
<b>Number of Ports</b>	1
<b>Pigtail Cable</b>	RG85U, plenum rated
<b>Radome Material</b>	ABS
<b>RF Connector Interface</b>	N Female

## Dimensions

<b>Width</b>	180 mm   7.087 in
<b>Depth</b>	44 mm   1.732 in
<b>Length</b>	210 mm   8.268 in
<b>Pigtail Length</b>	260 mm   10.236 in

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## Outline Drawing



## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1710 – 2700 MHz   698 – 960 MHz
<b>Electrical Note</b>	Values typical, unless otherwise stated

## Electrical Specifications

Frequency Band, MHz	698–800	800–960	1710–2170	2200–2700
<b>Gain, dBi</b>	5.1	5.8	8.7	6.9
<b>Beamwidth, Horizontal, degrees</b>	128	94	60	54
<b>Beamwidth, Vertical, degrees</b>	85	82	57	38
<b>VSWR   Return loss, dB</b>	1.8   10.9	1.5   14.0	1.5   14.0	1.5   14.0
<b>Input Power per Port, maximum, watts</b>	50	50	50	50

## 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>Width, packed</b>	190 mm   7.48 in
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<b>Depth, packed</b>	55 mm   2.165 in
<b>Length, packed</b>	250 mm   9.843 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

<b>Agency</b>	<b>Classification</b>
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

