

# CELLMAX-D-CPUSE



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

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

## Electrical Specifications

Frequency Band, MHz	698–800	800–960	1710–2170	2200–2700
Gain, dBi	5.1	5.8	8.7	6.9
Beamwidth, Horizontal, degrees	128	94	60	54
Beamwidth, Vertical, degrees	85.0	82.0	57.0	38.0
VSWR   Return Loss, dB	1.8   10.9	1.5   14.0	1.5   14.0	1.5   14.0
Input Power per Port, maximum, watts	50	50	50	50
Polarization	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm

## Product Classification

<b>Brand</b>	Cell-Max™
<b>Product Type</b>	In-building antenna

## General Specifications

<b>Antenna Type</b>	Directional
<b>Application</b>	Indoor
<b>Operating Frequency Band</b>	1710 – 2700 MHz   698 – 960 MHz
<b>Mount Type</b>	4-hole wall mounting plate and hardware (included)
<b>Package Quantity</b>	1
<b>Pigtail Cable</b>	RG85U, plenum rated

## Mechanical Specifications

<b>Color</b>	White
<b>Pigtail Length</b>	260.0 mm   10.2 in
<b>Radome Material</b>	ABS
<b>RF Connector Interface</b>	N Female

## Environmental Specifications

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

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## Dimensions

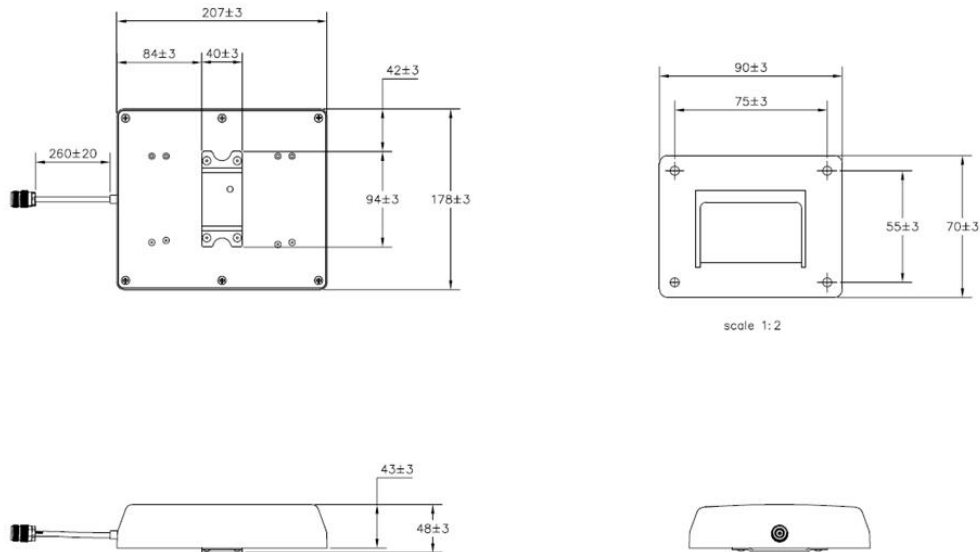
<b>Depth</b>	44.0 mm   1.7 in
<b>Length</b>	210.0 mm   8.3 in
<b>Width</b>	180.0 mm   7.1 in
<b>Net Weight</b>	0.4 kg   1.0 lb

## Packed Dimensions

<b>Depth</b>	55.0 mm   2.2 in
<b>Length</b>	250.0 mm   9.8 in
<b>Width</b>	190.0 mm   7.5 in
<b>Shipping Weight</b>	0.6 kg   1.3 lb

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## Outline Drawing



## Regulatory Compliance/Certifications

### Agency

RoHS 2011/65/EU  
ISO 9001:2015

### Classification

Designed, manufactured and/or distributed under this quality management system

