



## 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

### General Specifications

Antenna Type	Directional
Operating Frequency Band	1710 – 2700 MHz   698 – 960 MHz
Brand	Cell-Max™
Color	White
Interface	N Female
Package Quantity	1
Pigtail Cable	RG85U, plenum rated
Radome Color	White
Radome Material	ABS, UV resistant

### Electrical Specifications

Operating Frequency Band	698 – 800 MHz
Beamwidth, Horizontal	110° nominal
Beamwidth, Vertical	100° nominal
Gain at Frequency Band	5.0 dBi @ 698–800 MHz
Impedance	50 ohm
Input Power, maximum	50 W
Polarization	Vertical
Return Loss	10.9 dB
VSWR	1.8:1

### Electrical Specifications (Band 2)

Operating Frequency Band	1710 – 2700 MHz   800 – 960 MHz
Beamwidth, Horizontal	90° nominal
Beamwidth, Vertical	65° nominal
Gain at Frequency Band	5.0 dBi @ 800–960 MHz   6.0 dBi @ 2170–2700 MHz   8.0 dBi @ 1710–2170 MHz
Return Loss at Frequency Band	13.9 dB
VSWR	1.5:1

### Mechanical Specifications

Mounting	4-hole wall mounting plate and hardware included
Pigtail Length	260.0 mm   10.2 in

### Environmental Specifications

Application	Indoor
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)

CELLMAX-D-CPUSE

Relative Humidity Up to 100%

## Dimensions

Height	210.00 mm   8.27 in
Length	44.00 mm   1.73 in
Net Weight	0.44 kg   0.97 lb
Width	180.00 mm   7.09 in

## Packed Dimensions

Height	55.0 mm   2.2 in
Length	250.0 mm   9.8 in
Shipping Weight	0.58 kg   1.28 lb
Volume	2612.5000 cc
Width	190.0 mm   7.5 in

## Regulatory Compliance/Certifications

### Agency

RoHS 2002/95/EC  
ISO 9001:2008

### Classification

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

