

# CMAX-D-CPUSEV53

Low PIM Directional In-building Antenna, 698–960 MHz, 1710–2700 MHz



## Electrical Specifications

Frequency Band, MHz	698–800	800–960	1695–1880	1850–1990	1920–2180	2200–2700	2300–2360
Gain, dBi	5.5	6.2	7.3	7.3	7.4	7.6	7.9
Beamwidth, Horizontal, degrees	98	90	73	76	76	76	73
Beamwidth, Vertical, degrees	76.0	60.0	60.0	60.0	60.0	57.0	58.0
VSWR   Return Loss, dB	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts	50	50	50	50	50	50	50
Polarization	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm

## Electrical Specifications

**Electrical Note** PIM specifications are less than or equal to the stated value

## Product Classification

**Product Type** 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>Number of Ports, all types</b>	1
<b>Package Quantity</b>	1
<b>Pigtail Cable</b>	670-141SXE, plenum rated

## Mechanical Specifications

<b>Color</b>	White
<b>Pigtail Length</b>	420.0 mm   16.5 in
<b>Radome Material</b>	ABS

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**RF Connector Interface** N Female

## Environmental Specifications

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

**Relative Humidity** Up to 100%

## Dimensions

**Depth** 62.0 mm | 2.4 in

**Length** 262.0 mm | 10.3 in

**Width** 180.0 mm | 7.1 in

**Net Weight** 850.0 g | 1.9 lb

## Packed Dimensions

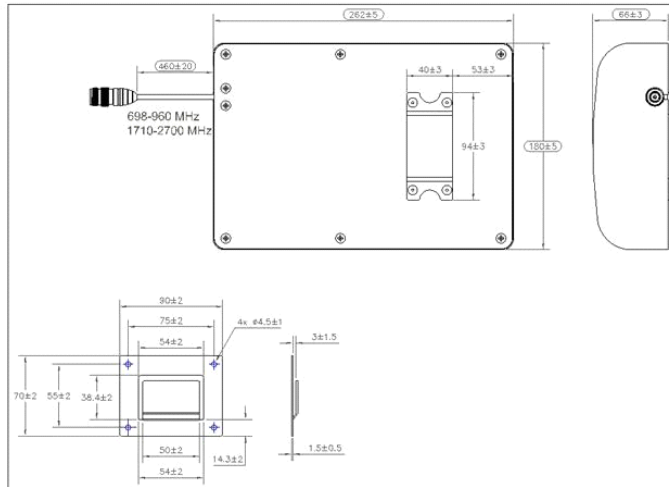
**Depth** 85.0 mm | 3.3 in

**Length** 320.0 mm | 12.6 in

**Width** 185.0 mm | 7.3 in

**Shipping Weight** 1000.0 g | 2.2 lb

## Outline Drawing



## Regulatory Compliance/Certifications

### Agency

RoHS 2011/65/EU  
ISO 9001:2015

### Classification

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

