

# CMAX-D-43-V53

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Low PIM Directional In-building Antenna, 698–960 MHz, 1710–2700 MHz, 4.3-10

## Product Classification

**Product Type** In-building antenna

## General Specifications

**Application** Indoor

**Antenna Type** Directional

**Antenna Array Characteristic** SISO

**Polarization** Vertical

**Color** White

**Mounting** 4-hole wall mounting plate and hardware (included)

**Number of Ports** 1

**Pigtail Cable** 670-141SXE, plenum rated

**Radome Material** ABS

**RF Connector Interface** 4.3-10 Female

## Dimensions

**Width** 180 mm | 7.087 in

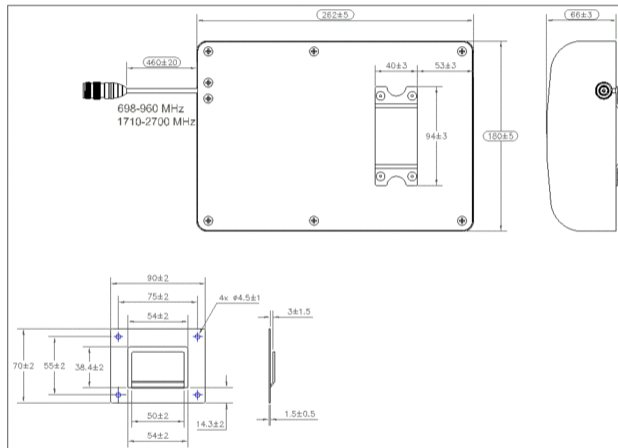
**Length** 262 mm | 10.315 in

**Pigtail Length** 420 mm | 16.535 in

**Depth** 62 mm | 2.441 in

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## Outline Drawing



## Electrical Specifications

<b>Electrical Note</b>	PIM specifications are less than or equal to the stated value
<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1710 – 2700 MHz   698 – 960 MHz

## Electrical Specifications

Frequency Band, MHz	698–800	800–960	1695–1880	1850–1990	1920–2180	2200–2700	2300–2360
<b>Gain, dBi</b>	5.5	6.2	7.3	7.3	7.4	7.6	7.9
<b>Beamwidth, Horizontal, degrees</b>	98	90	73	76	76	76	73
<b>Beamwidth, Vertical, degrees</b>	76	60	60	60	60	57	58

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<b>VSWR   Return loss, dB</b>	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
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-153	-153	-153	-153	-153	-153	-153
<b>Input Power per Port, maximum, watts</b>	50	50	50	50	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

**Width, packed** 185 mm | 7.283 in

**Depth, packed** 85 mm | 3.346 in

**Length, packed** 320 mm | 12.598 in

**Packaging quantity** 1

**Weight, gross** 1 kg | 2.205 lb

**Weight, net** 0.9 kg | 1.984 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

