



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

This product will be discontinued on: July 30, 2022

Replaced By:

CMAX-D-43-V53      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 (RAL 9016)

**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**      N Female

## Dimensions

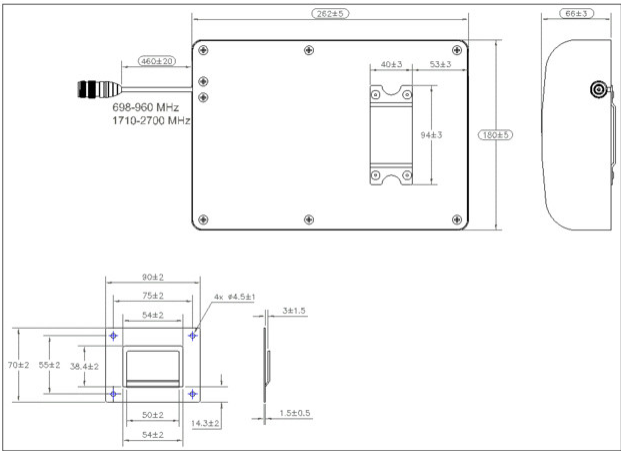
**Width**      180 mm | 7.087 in

**Depth**      62 mm | 2.441 in

**Length**      262 mm | 10.315 in

**Pigtail Length**      420 mm | 16.535 in

Outline Drawing



Electrical Specifications

Electrical Note	Values typical, unless otherwise stated
Impedance	50 ohm
Operating Frequency Band	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
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	60	60	60	60	57	58
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

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
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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

Agency	Classification
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

