

# CMAX-D-TCPUSEi53



Low PIM Directional In-building Antenna, 350-470 MHz, 617-960 MHz, 1710-2700 MHz

## Electrical Specifications

Frequency Band, MHz	350-470	617-698	698-960	1710-2700
Gain, dBi	5.2	7.0	7.0	9.0
Beamwidth, Horizontal, degrees	98	70	72	45
Beamwidth, Vertical, degrees	62.0	54.0	45.0	53.0
VSWR   Return Loss, dB	1.8   10.9	1.8   10.9	1.8   10.9	1.8   10.9
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153
Input Power per Port, maximum, watts	100	100	100	100
Polarization	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm

## 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   350 – 470 MHz   617 – 806 MHz   806 – 960 MHz
<b>Mount Type</b>	Poles between 30-55 mm with supplied clamps
<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>	500.0 mm   19.7 in
<b>Radome Material</b>	Fiberglass, UV resistant
<b>RF Connector Interface</b>	N Female

## Environmental Specifications

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

**Relative Humidity** Up to 100%

## Dimensions

**Depth** 90.0 mm | 3.5 in

**Length** 330.0 mm | 13.0 in

**Width** 330.0 mm | 13.0 in

**Net Weight** 1.9 kg | 4.2 lb

## Packed Dimensions

**Depth** 170.0 mm | 6.7 in

**Length** 470.0 mm | 18.5 in

**Width** 370.0 mm | 14.6 in

**Shipping Weight** 3.0 kg | 6.6 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

