

# CMAX-D-43-UW-153

---



Low PIM Directional In-building Antenna, 617–960 MHz, 1695–2700, 3300–3800 and 4900–6000MHz

## Product Classification

**Product Type** In-building antenna

## General Specifications

**Application** Indoor

**Antenna Type** Directional

**Antenna Array Characteristic** SISO

**Polarization** Vertical

**Color** Light Gray (RAL 7035)

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

**Number of Ports** 1

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

**Radome Material** PVC

**RF Connector Interface** 4.3-10 Female

## Dimensions

**Width** 296 mm | 11.654 in

**Depth** 126 mm | 4.961 in

**Length** 301 mm | 11.85 in

**Pigtail Length** 420 mm | 16.535 in

## Electrical Specifications

**Electrical Note** Values typical, unless otherwise stated

**Impedance** 50 ohm

**Operating Frequency Band** 1695 – 2700 MHz | 3300 – 3800 MHz | 5150 – 5950 MHz | 617 – 698 MHz | 698 – 960 MHz

# CMAX-D-43-UW-153

---

## Electrical Specifications

Frequency Band, MHz	617–698	698–960	1710–2700	3300–3800	4900–6000
Gain, dBi	5.8	5.8	7.2	6.5	4.8
Beamwidth, Horizontal, degrees	90	86	58	60	68
Beamwidth, Vertical, degrees	85	80	60	57	50
VSWR   Return loss, dB	1.8 10.9	1.8 10.9	1.8 10.9	1.7 11.7	1.8 10.9
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	
Input Power per Port, maximum, watts	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	320 mm   12.598 in
Depth, packed	205 mm   8.071 in
Length, packed	430 mm   16.929 in
Net Weight, with mounting kit	2.7 kg   5.952 lb
Packaging quantity	1
Weight, gross	3.7 kg   8.157 lb
Weight, net	2.4 kg   5.291 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
ROHS	Compliant

