

# CMAX-DMH60-43-V53



Cell-Max™ Low PIM Directional High Capacity Venue MIMO Antenna, 1690–2700 MHz, 60°, 4x4 MIMO, 4.3-10

## Product Classification

<b>Product Type</b>	Indoor/outdoor antenna
<b>Product Brand</b>	Cell-Max™

## General Specifications

<b>Antenna Type</b>	Directional
<b>Application</b>	Indoor   Outdoor
<b>Color</b>	White
<b>Number of Ports, all types</b>	4
<b>Pigtail Cable</b>	670-141SXE, plenum rated
<b>RF Connector Interface</b>	4.3-10 Male

## Dimensions

<b>Height</b>	100 mm   3.937 in
<b>Width</b>	180 mm   7.087 in
<b>Length</b>	310 mm   12.205 in
<b>Pigtail Length</b>	910 mm   35.827 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Lightning Protection</b>	dc Ground
<b>Polarization</b>	±45°

## Electrical Specifications

Frequency Band, MHz	1690–2170	2200–2600	2600–2700
<b>Gain, dBi</b>	7.7	8.3	8.3

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<b>Beamwidth, Horizontal, degrees</b>	68	62	62
<b>Beamwidth, Vertical, degrees</b>	66	62	62
<b>Front-to-Back Ratio at 180°, dB</b>	30	30	30
<b>CPR at Boresight, dB</b>	15	15	15
<b>Isolation, Cross Polarization, dB</b>	24	24	24
<b>VSWR   Return loss, dB</b>	1.5   14.0	1.5   14.0	1.7   11.7
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-153	-153	-153
<b>Input Power per Port, maximum, watts</b>	50	50	50

## Material Specifications

**Radome Material** ABS, UV resistant

## Environmental Specifications

**Operating Temperature** -40 °C to +60 °C (-40 °F to +140 °F)  
**Relative Humidity** Up to 100%  
**Ingress Protection Test Method** IEC 60529:2001, IP65  
**Vibration Test Method** ASTM D4169 | IEC 60068-2-6

## Packaging and Weights

**Height, packed** 230 mm | 9.055 in  
**Width, packed** 400 mm | 15.748 in  
**Length, packed** 420 mm | 16.535 in  
**Included** Mounting bracket  
**Packaging quantity** 1  
**Weight, gross** 4.8 kg | 10.582 lb  
**Weight, net** 1.6 kg | 3.527 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

