

# CMAX-3060-43-US

---



Cell-Max™ Low PIM Directional High Capacity Venue (4x4) MIMO Antenna, 4x1695–2700, 4x 3100-4200, 2x 5150-5925 MHz,

## OBSOLETE

This product was discontinued on: April 29, 2022

### Replaced By:

CMAX-HM4-30-I53      Cell-Max™ Low PIM Directional High Capacity Venue (4x4) MIMO Antenna, 1695–2700, 3300-4200MHz,

## Product Classification

**Product Type**                      In-building antenna  
**Product Brand**                      Cell-Max™

## General Specifications

**Application**                              Indoor/Outdoor  
**Antenna Type**                              Directional  
**Polarization**                              ±45°  
**Color**    White (RAL 9016)  
**Number of Ports**                          10  
**Radome Material**                          ABS + ASA  
**RF Connector Interface**                  4.3-10 Female

## Dimensions

**Width**    356 mm | 14.016 in  
**Depth**    118 mm | 4.646 in  
**Length**    603 mm | 23.74 in

## Electrical Specifications

**Electrical Note**                              Values typical, unless otherwise stated  
**Impedance**                                      50 ohm  
**Lightning Protection**                      dc Ground

# CMAX-3060-43-US

**Operating Frequency Band** 1695 – 2700 MHz | 3100 – 4200 MHz | 5150 – 5925 MHz

## Electrical Specifications

<b>Frequency Band, MHz</b>	<b>1695–2200</b>	<b>2200–2700</b>	<b>3100–4200</b>	<b>5150–5925</b>
<b>Gain, dBi</b>	11.7	12.5	12.9	4.5
<b>Beamwidth, Horizontal, degrees</b>	33	25	26	25
<b>Beamwidth, Vertical, degrees</b>	68	72	62	22
<b>Horizontal Sidelobe, dB</b>	15	15	15	15
<b>Front-to-Back Ratio at 180°, dB</b>	32	32	35	25
<b>CPR at Boresight, dB</b>	15	15	18	20
<b>Isolation, Cross Polarization, dB</b>	20	20	20	25
<b>VSWR   Return loss, dB</b>	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	
<b>Input Power per Port, maximum, watts</b>	100	100	100	1

## Environmental Specifications

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

## Packaging and Weights

<b>Height, packed</b>	220 mm   8.661 in
<b>Width, packed</b>	430 mm   16.929 in
<b>Length, packed</b>	865 mm   34.055 in
<b>Included</b>	Mounting bracket
<b>Packaging quantity</b>	1
<b>Weight, gross</b>	10.4 kg   22.928 lb
<b>Weight, net</b>	5.5 kg   12.125 lb