

# CMAX-DMW3030-43153



Cell-Max™ Low PIM Directional High Capacity Venue (4x4) MIMO Antenna, 1695–2700, 3400–3800, 4900–6000 MHz,

## Product Classification

**Product Brand** Cell-Max™

## General Specifications

**Antenna Type** Directional  
**Application** Indoor | Outdoor  
**Color** Gray  
**Number of Ports, all types** 4  
**RF Connector Interface** 4.3-10 Female

## Dimensions

**Height** 140 mm | 5.512 in  
**Width** 417 mm | 16.417 in  
**Length** 595 mm | 23.425 in

## Electrical Specifications

**Impedance** 50 ohm  
**Lightning Protection** dc Ground  
**Operating Frequency Band** 1695 – 2700 MHz | 3400 – 3800 MHz | 4900 – 6000 MHz  
**Polarization** ±45°

## Electrical Specifications

Frequency Band, MHz	1695–2200	2200–2700	3400–3800	4900–6000
<b>Gain, dBi</b>	13.3	15	12.5	13.7
<b>Beamwidth, Horizontal, degrees</b>	34	28	32	26
<b>Beamwidth, Vertical, degrees</b>	34	29	32	26

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<b>Horizontal Sidelobe, dB</b>	17	17	17	14
<b>Front-to-Back Ratio at 180°, dB</b>	22	22	20	18
<b>Isolation, Cross Polarization, dB</b>	25	25	25	25
<b>VSWR   Return loss, dB</b>	1.7   11.7	1.7   11.7	1.7   11.7	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>	100	100	100	100

## Material Specifications

<b>Radome Material</b>	PVC
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## 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>	230 mm   9.055 in
<b>Width, packed</b>	475 mm   18.701 in
<b>Length, packed</b>	830 mm   32.677 in
<b>Included</b>	Mounting bracket
<b>Net Weight, with mounting kit</b>	10.4 kg   22.928 lb
<b>Packaging quantity</b>	1
<b>Weight, gross</b>	12.6 kg   27.778 lb
<b>Weight, net</b>	7.8 kg   17.196 lb