

# CMax-DMW6020-43153



Cell-Max™ Low PIM Directional High Capacity Venue Hand Rail MIMO Antenna, 1695–2700, 3400–3800, 4900–6000 MHz, (2 PORTS 1695–2700, 2 PORTS 3400–6000 MHz)

## OBSOLETE

This product was discontinued on: November 29, 2022

## Product Classification

<b>Product Type</b>	Hand-rail stadium antenna
<b>Product Brand</b>	Cell-Max™

## General Specifications

<b>Application</b>	Indoor
<b>Antenna Type</b>	Directional
<b>Antenna Array Characteristic</b>	MIMO 2x2
<b>Polarization</b>	±45°
<b>Color</b>	White (RAL 9016)
<b>Number of Ports</b>	4
<b>Radome Material</b>	ABS
<b>RF Connector Interface</b>	4.3-10 Female

## Dimensions

<b>Width</b>	250 mm   9.843 in
<b>Depth</b>	83 mm   3.268 in
<b>Length</b>	425 mm   16.732 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Lightning Protection</b>	dc Ground
<b>Operating Frequency Band</b>	1695 – 2700 MHz   3400 – 3800 MHz   4900 – 6000 MHz
<b>Electrical Note</b>	Values typical, unless otherwise stated

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## Electrical Specifications

Frequency Band, MHz	1695–2200	2200–2700	3400–3800	4900–6000
Gain, dBi	12.6	13.3	13	12.3
Beamwidth, Horizontal, degrees	69	68	61	67
Beamwidth, Vertical, degrees	25	20	21	19
Beam Tilt, degrees	12	12	12	12
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	25	25	25	25
Isolation, Cross Polarization, dB	24	24	25	25
VSWR   Return loss, dB	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	
Input Power per Port, maximum, watts	100	100	100	100

## Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%

## Packaging and Weights

Width, packed	280 mm   11.024 in
Depth, packed	150 mm   5.906 in
Length, packed	465 mm   18.307 in
Packaging quantity	1
Weight, gross	2.8 kg   6.173 lb
Weight, net	2.5 kg   5.512 lb