

# CMAX-DMW3030-43I53



Cell-Max™ Low PIM Directional High Capacity Venue (4x4) MIMO Antenna, 1695–2700, 3300-3800, 4900-6000 MHz,

This product will be discontinued on: March 30, 2024

Replaced By:

CMAX-HM4-3030-I53      Cell-Max™ Low PIM Directional High Capacity Venue (4x4) MIMO Antenna, 1695–2700, 3300-4200 MHz

## Product Classification

Product Type	Over-the-head stadium antenna
Product Brand	Cell-Max™

## General Specifications

Application	Indoor
Antenna Type	Directional
Antenna Array Characteristic	MIMO 4x4
Polarization	±45°
Color	Light Gray (RAL 7035)
Number of Ports	4
Radome Material	PVC
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   3300 – 3800 MHz   4900 – 6000 MHz

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Electrical Note

Values typical, unless otherwise stated

## Electrical Specifications

Frequency Band, MHz	1695–2200	2200–2700	3300–3800	4900–6000
Gain, dBi	13.3	15	12.5	13.7
Beamwidth, Horizontal, degrees	34	28	32	26
Beamwidth, Vertical, degrees	34	29	32	26
Horizontal Sidelobe, dB	17	17	17	14
Front-to-Back Ratio at 180°, dB	22	22	20	18
Isolation, Cross Polarization, dB	25	25	25	25
VSWR   Return loss, dB	1.7   11.7	1.7   11.7	1.7   11.7	1.7   11.7
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%
Vibration Test Method	ASTM D4169   IEC 60068-2-6

## Packaging and Weights

Height, packed	230 mm   9.055 in
Width, packed	475 mm   18.701 in
Length, packed	830 mm   32.677 in
Included	Mounting bracket
Net Weight, with mounting kit	10.4 kg   22.928 lb
Packaging quantity	1
Weight, gross	12.6 kg   27.778 lb
Weight, net	7.8 kg   17.196 lb

## Regulatory Compliance/Certifications

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

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UK-ROHS

Compliant

