

CMAX-DMW2060-43153



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

OBSOLETE

This product was discontinued on: July 30, 2022

Product Classification

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

General Specifications

Application	Indoor/Outdoor
Antenna Type	Directional
Antenna Array Characteristic	MIMO 2x2
Polarization	±45°
Color	White (RAL 9016)
Number of Ports	4
Radome Material	ASA+PC, UV stabilized
RF Connector Interface	4.3-10 Female

Dimensions

Width	250 mm 9.843 in
Depth	83 mm 3.268 in
Length	400 mm 15.748 in

Electrical Specifications

Electrical Note	Values typical, unless otherwise stated
Impedance	50 ohm

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Lightning Protection	dc Ground
Operating Frequency Band	1695 – 2700 MHz 3400 – 3800 MHz 4900 – 6000 MHz

Electrical Specifications

Frequency Band, MHz	1695–2200	2200–2700	3400–3800	4900–6000
Gain, dBi	12.8	13	12.5	12.4
Beamwidth, Horizontal, degrees	23	20	22	20
Beamwidth, Vertical, degrees	67	63	62	66
Horizontal Sidelobe, dB	15	15	15	15
Front-to-Back Total Power at 180° ± 30°, dB	25	25	25	25
Isolation, Cross Polarization, dB	20	20	20	20
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

Mechanical Specifications

Wind Loading @ Velocity, maximum	2,128.0 N @ 216 km/h (478.4 lbf @ 216 km/h)
Wind Speed, maximum	216 km/h 134.216 mph

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	430 mm 16.929 in
Depth, packed	190 mm 7.48 in
Length, packed	440 mm 17.323 in
Included	Mounting bracket
Packaging quantity	1
Weight, gross	5.5 kg 12.125 lb
Weight, net	2.5 kg 5.512 lb

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Regulatory Compliance/Certifications

Agency

CHINA-ROHS

REACH-SVHC

ROHS

Classification

Below maximum concentration value

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant

