

CMAX-DMW60X1-43I53



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

This product will be discontinued on: March 30, 2024

Replaced By:

CMAX-HM4-60X1-I53 Cell-Max™ Low PIM Directional High Capacity Venue Under the Seat (4x4 MIMO) Antenna, 1695–2700, 3400-4200 MHz,

Product Classification

Product Type	Under-the-seat 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
Pigtail Cable	670-141SXE, plenum rated
Radome Material	PVC
RF Connector Interface	4.3-10 Female

Dimensions

Width	164 mm 6.457 in
Depth	115 mm 4.528 in
Length	411 mm 16.181 in
Pigtail Length	305 mm 12.008 in

Electrical Specifications

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

Electrical Specifications

Frequency Band, MHz	1695–2200	2200–2700	3400–3800	4900–5900
Gain, dBi	8.2	8.2	7.1	7.3
Beamwidth, Horizontal, degrees	63	65	74	64
Beamwidth, Vertical, degrees	65	63	66	58
Front-to-Back Ratio at 180°, dB	22	22	17	15
Isolation, Cross Polarization, dB	22	22	23	23
VSWR Return loss, dB	1.8 10.9	1.8 10.9	1.8 10.9	1.8 10.9
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	160 mm 6.299 in
Width, packed	185 mm 7.283 in
Length, packed	540 mm 21.26 in
Included	Mounting bracket
Packaging quantity	1
Weight, gross	2.8 kg 6.173 lb
Weight, net	2.3 kg 5.071 lb