

CMAX-DMW6060-43153



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

OBSOLETE

This product was discontinued on: July 31, 2021

Replaced By:

CMAX-DMW60X1-43153 Cell-Max™ Low PIM Directional High Capacity Venue Under the Seat (4x4 MIMO) Antenna, 1695–2700, 3400–3800, 4900–6000 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 2x2
Polarization	±45°
Color	Light Gray (RAL 7035)
Number of Ports	2
Pigtail Cable	670-141SXE, plenum rated
Radome Material	PVC
RF Connector Interface	4.3-10 Female

Dimensions

Width	165.1 mm 6.5 in
Depth	94 mm 3.701 in
Length	213.4 mm 8.402 in
Pigtail Length	304.8 mm 12 in

Electrical Specifications

CMAX-DMW6060-43153

Impedance	50 ohm
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	4900–5900
Gain, dBi	8	8	7.3	7.5
Beamwidth, Horizontal, degrees	70	70	70	65
Beamwidth, Vertical, degrees	67	66	58	60
Front-to-Back Ratio at 180°, dB	20	20	20	15
Isolation, Cross Polarization, dB	24	24	24	24
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%
Ingress Protection Test Method	IEC 60529:2001, IP65
Vibration Test Method	ASTM D4169 IEC 60068-2-6

Packaging and Weights

Width, packed	185 mm 7.283 in
Depth, packed	130 mm 5.118 in
Length, packed	360 mm 14.173 in
Included	Mounting bracket
Packaging quantity	1
Weight, gross	1.2 kg 2.646 lb
Weight, net	0.8 kg 1.764 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ROHS	Compliant

CMAX-DMW6060-43153

UK-ROHS

Compliant

