

CMAX-DMW60X-43I53

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



Electrical Specifications

Frequency Band, MHz	1695–2200	2200–2700	3400–3800	4900–5900
Gain, dBi	8.5	8.8	7.6	7.6
Beamwidth, Horizontal, degrees	67	64	68	68
Beamwidth, Vertical, degrees	63.0	62.0	64.0	64.0
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	22	24	18	18
Isolation, Cross Polarization, dB	22	22	22	22
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
Polarization	±45°	±45°	±45°	±45°
Impedance	50 ohm	50 ohm	50 ohm	50 ohm

Product Classification

Brand Cell-Max™

General Specifications

Antenna Type	Directional
Application	Indoor Outdoor
Operating Frequency Band	1695 – 2700 MHz 3400 – 3800 MHz 4900 – 6000 MHz
Includes	Mounting bracket
Number of Ports, all types	4
Package Quantity	1

Mechanical Specifications

Color	Gray
Radome Material	PVC
RF Connector Interface	4.3-10 Female

Environmental Specifications

Ingress Protection Test Method	IEC 60529:2001, IP65
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%

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Vibration Test Method ASTM D4169 | IEC 60068-2-6

Dimensions

Depth 115.0 mm | 4.5 in
Length 426.0 mm | 16.8 in
Width 164.0 mm | 6.5 in
Net Weight 2.6 kg | 5.7 lb
Net Weight, with mounting kit 4.5 kg | 9.9 lb

Packed Dimensions

Depth 190.0 mm | 7.5 in
Length 470.0 mm | 18.5 in
Width 350.0 mm | 13.8 in
Shipping Weight 5.5 kg | 12.1 lb

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification

