

CMAX-DMH60-43-V53



Cell-Max™ Low PIM Directional High Capacity Venue MIMO Antenna,
1690–2700 MHz, 60°, 4x4 MIMO, 4.3-10

OBSOLETE

This product was discontinued on: July 31, 2021

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 4x4
Polarization	±45°
Color	White
Number of Ports	4
Pigtail Cable	670-141SXE, plenum rated
Radome Material	ABS, UV resistant
RF Connector Interface	4.3-10 Male

Dimensions

Height	100 mm 3.937 in
Width	180 mm 7.087 in
Length	310 mm 12.205 in
Pigtail Length	910 mm 35.827 in

Electrical Specifications

CMAX-DMH60-43-V53

Impedance	50 ohm
Lightning Protection	dc Ground

Electrical Specifications

Frequency Band, MHz	1690–2170	2200–2600	2600–2700
Gain, dBi	7.7	8.3	8.3
Beamwidth, Horizontal, degrees	68	62	62
Beamwidth, Vertical, degrees	66	62	62
Front-to-Back Ratio at 180°, dB	30	30	30
CPR at Boresight, dB	15	15	15
Isolation, Cross Polarization, dB	24	24	24
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.7 11.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153
Input Power per Port, maximum, watts	50	50	50

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	230 mm 9.055 in
Width, packed	400 mm 15.748 in
Length, packed	420 mm 16.535 in
Included	Mounting bracket
Packaging quantity	1
Weight, gross	4.8 kg 10.582 lb
Weight, net	1.6 kg 3.527 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance

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ROHS Compliant

UK-ROHS Compliant

