

CMAX-OMF1-43-V53



Cell-Max™ Low PIM Omni MIMO In-building Antenna, 698–960 MHz and 1710–2700 MHz, 4.3-10

Product Classification

Product Type	In-building antenna
Product Brand	Cell-Max™

General Specifications

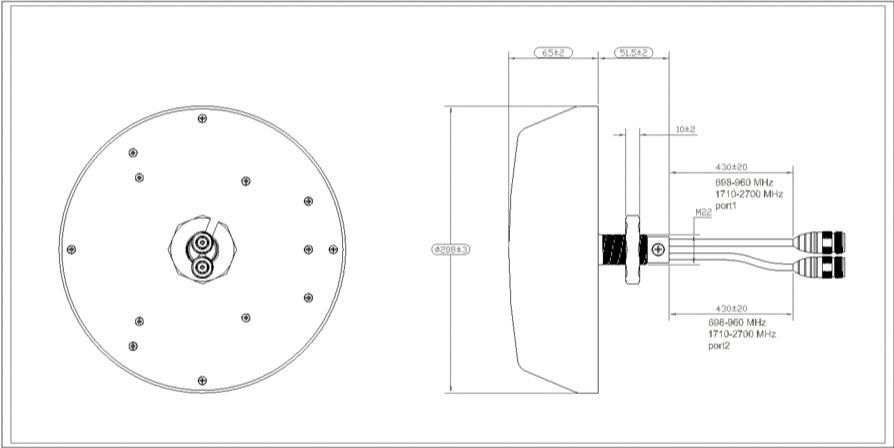
Antenna Type	Omni
Application	Indoor
Color	White
Mounting	Thru-hole ceiling mount (optional)
Number of Ports, all types	2
Pigtail Cable	670-141SXE, plenum rated
RF Connector Interface	4.3-10 Female

Dimensions

Height	65 mm 2.559 in
Pigtail Length	500 mm 19.685 in
Outer Diameter	208 mm 8.189 in

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Outline Drawing



Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1710 – 2700 MHz 698 – 960 MHz

Electrical Specifications

Frequency Band, MHz	698–800	800–960	1710–2200	2200–2700
Gain, dBi	4	4.3	5.3	5.5
Beamwidth, Horizontal, degrees	360	360	360	360
Isolation, Cross Polarization, dB	18	18	18	18
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153

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Input Power per Port, maximum, watts	50	50	50	50
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Material Specifications

Radome Material	ABS
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Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%

Packaging and Weights

Height, packed	200 mm 7.874 in
Width, packed	210 mm 8.268 in
Length, packed	165 mm 6.496 in
Weight, gross	0.6 kg 1.323 lb
Weight, net	0.5 kg 1.102 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

