



CMAX-OMH-CPUSEi53

Cell-Max™ Low PIM Omni MIMO In-building Antenna, V-POL PORT 698–960 / 1710–2700 MHz and H-POL PORT 1710–2700 MHz (LB - SISO), (HB-MIMO)

Electrical Specifications

Frequency Band, MHz	698–800	800–960	1710–2200	2200–2700
Gain, dBi	1.5	1.5	3.5	4.3
Beamwidth, Horizontal, degrees	360	360	360	360
Beamwidth, Vertical, degrees	60.0	60.0	42.0	60.0
Isolation, dB			25	25
VSWR Return Loss, dB	1.8 10.9	1.5 14.0	1.8 10.9	1.8 10.9
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153
Input Power per Port, maximum, watts	50	50	50	50
Impedance	50 ohm	50 ohm	50 ohm	50 ohm

General Specifications

Antenna Type	Omni
Application	Indoor
Operating Frequency Band	1710 – 2700 MHz 698 – 960 MHz
Brand	Andrew®
Mount Type	Thru-hole ceiling mount (optional)
Number of Ports, all types	2
Pigtail Cable	670-141SXE, plenum rated

Electrical Specifications

Polarization at Frequency Band	Vertical @ 698–800 MHz Vertical @ 800–960 MHz Horizontal/Vertical @ 1710–2700 MHz
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Mechanical Specifications

Color	White
Pigtail Length	500.0 mm 19.7 in
Radome Material	ABS, UV resistant
RF Connector Interface	N Female

Environmental Specifications

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

Dimensions

CMAX-OMH-CPUSEi53

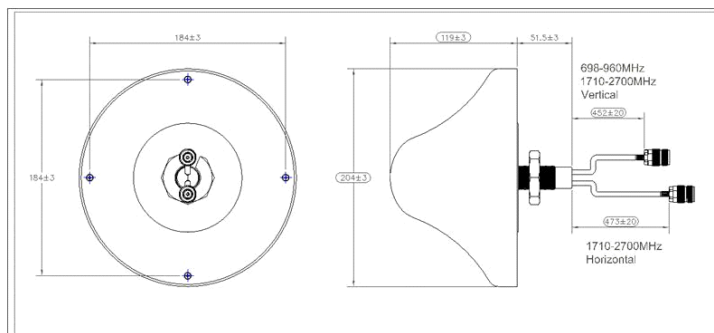
Height	119.00 mm 4.69 in
Outer Diameter	204.0 mm 8.0 in
Net Weight	0.5 kg 1.1 lb

Packed Dimensions

Height	185.00 mm 7.28 in
Length	180.0 mm 7.1 in
Width	180.0 mm 7.1 in
Shipping Weight	0.6 kg 1.3 lb

CMAx-OMH-CPUEi53

Outline Drawing



Regulatory Compliance/Certifications

Agency

ISO 9001:2008

Classification