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

Electrical Specifications, BASTA*

* CommScope® supports NGMN recommendations on Base Station Antenna Standards (BASTA). To learn more about the benefits of BASTA

Electrical Specifications

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

Product Classification

Brand Cell-Max™

Product Type In-building antenna

General Specifications

Antenna Type Omni

Application Indoor

Operating Frequency Band 1710 – 2700 MHz | 698 – 960 MHz

Mount Type Thru-hole ceiling mount (optional)

Number of Ports, all types 2

Pigtail Cable 670-141SXE, plenum rated

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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

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

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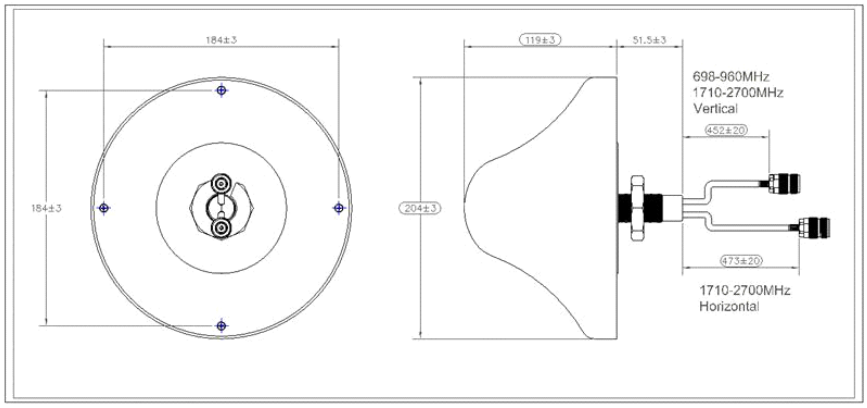
Outline Drawing



Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU
ISO 9001:2008

Classification