

CMAX-OMF7-43-UWI53



Cell-Max™ Low PIM 4x4 Omni MIMO In-building Antenna, 617-6000 MHz

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	4
Pigtail Cable	670-141SXE, plenum rated
RF Connector Interface	4.3-10 Female

Dimensions

Height	24 mm 0.945 in
Pigtail Length	500 mm 19.685 in
Outer Diameter	361 mm 14.213 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2700 MHz 3300 – 4000 MHz 4800 – 6000 MHz 617 – 698 MHz 698 – 960 MHz
Polarization	Linear Horizontal

Electrical Specifications

Frequency Band, MHz	617–698	698–960	1695–2700	3300–4000	4800–6000
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Gain, dBi	3.3	3.9	5.4	5.5	8.1
Beamwidth, Horizontal, degrees	360	360	360	360	360
Isolation, Cross Polarization, dB	17	17	20	30	30
VSWR Return loss, dB	1.8 10.9	1.8 10.9	1.5 14.0	1.7 11.7	1.7 11.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	
Input Power per Port, maximum, watts	50	50	50	50	50

Material Specifications

Radome Material ASA+PC, UV stabilized

Environmental Specifications

Operating Temperature -40 °C to +60 °C (-40 °F to +140 °F)

Relative Humidity Up to 100%

Packaging and Weights

Width, packed 380 mm | 14.961 in

Depth, packed 157 mm | 6.181 in

Length, packed 407 mm | 16.024 in

Weight, gross 1.7 kg | 3.748 lb

Weight, net 1 kg | 2.205 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system

