

CMAX-0-43-UW-153



Cell-Max™ Low PIM Omni In-building Antenna, 617–6000 MHz
(Recessed ceiling mount kit PN:7760591 sold separately)

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

Dimensions

Height	82 mm 3.228 in
Pigtail Length	500 mm 19.685 in
Outer Diameter	206 mm 8.11 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1400 – 1600 MHz 1710 – 2700 MHz 3300 – 3800 MHz 5150 – 5925 MHz 617 – 698 MHz 698 – 960 MHz
Polarization	Vertical

Electrical Specifications

Frequency Band, MHz	617–698	698–960	1400–1600	1710–2700	3300–3800	5150–5925
Gain, dBi	2.1	2.1	3	4	4.3	5.4

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Beamwidth, Horizontal, degrees	360	360	360	360	360	360
VSWR Return loss, dB	1.7 11.7	1.5 14.0	1.7 11.7	1.5 14.0	1.6 12.7	1.6 12.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	
Input Power per Port, maximum, watts	50	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

Height, packed 210 mm | 8.268 in

Width, packed 190 mm | 7.48 in

Length, packed 210 mm | 8.268 in

Packaging quantity 1

Weight, gross 0.6 kg | 1.323 lb

Weight, net 0.4 kg | 0.882 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

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

