

CMAX-0-43-UW-153

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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

Application	Indoor
Antenna Type	Omni
Antenna Array Characteristic	SISO
Polarization	Vertical
Color	White (RAL 9016)
Mounting	Thru-hole ceiling mount (optional)
Number of Ports	1
Pigtail Cable	670-141SXE, plenum rated
Radome Material	ASA+PC, UV stabilized
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

Electrical Note	Values typical, unless otherwise stated
Impedance	50 ohm
Operating Frequency Band	1400 – 1600 MHz 1710 – 2700 MHz 3300 – 4200 MHz 5150 – 5925 MHz 617 – 698 MHz 698 – 960 MHz

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Electrical Specifications

Frequency Band, MHz	617–698	698–960	1400–1600	1710–2700	3300–4200	5150–5925
Gain, dBi	2.1	2.1	3	4	4.3	5.4
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	100	100	100	100	100	100

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	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted

