CMAX-O-43-UW-I53

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
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

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

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
Beamwidth, Horizontal, degrees	360	360	360	360	360	360

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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

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
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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