



Cell-Max™ Low PIM Omni In-building Antenna, 617-960, 1400-1600, 1695-2700 MHz, 3300-4200 MHz and 4900-6000MHz, Not recommended for metal ceilings

This product will be discontinued on: July 30, 2022

Replaced By:

CMAX-OUS1-UW43-I53 Cell-Max™ Low PIM Omni In-building Antenna, 617-960, 1400-1600, 1695-2700 MHz, 3300-4200 MHz and 4900-6000MHz 4.3-10, Not recommended for metal ceilings

Product Classification

Product Type	In-building antenna
Product Brand	Cell-Max™

General Specifications

Application	Indoor
Antenna Type	Omni
Polarization	Horizontal
Color	White
Mounting	Thru-hole ceiling mount (optional)
Mounting Note	For antenna installation on metal ceilings, please contact your local CommScope representative
Radome Material	ABS
RF Connector Interface	N Female

Dimensions

Height	18 mm 0.709 in
Outer Diameter	220 mm 8.661 in

Electrical Specifications

Electrical Note	Values typical, unless otherwise stated
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Impedance	50 ohm
Operating Frequency Band	1400 – 1500 MHz 1695 – 2700 MHz 3300 – 3800 MHz 4900 – 6000 MHz 617 – 698 MHz 698 – 960 MHz

Electrical Specifications

Frequency Band, MHz	617–698	698–960	1400–1500	1695–2700	3300–3800	4900–6000
Gain, dBi	4.6	4.8	5.4	5.5	5.5	5.4
Beamwidth, Horizontal, degrees	360	360	360	360	360	360
VSWR Return loss, dB	1.8 10.9	1.8 10.9	1.8 10.9	1.8 10.9	1.8 10.9	1.8 10.9
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts						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	93 mm 3.661 in
Depth, packed	227 mm 8.937 in
Length, packed	225 mm 8.858 in
Packaging quantity	1
Weight, gross	0.46 kg 1.014 lb
Weight, net	0.3 kg 0.661 lb