

CMAX-0US1-UW-153



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

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

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

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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