



Cell-Max™ Omni In-building Antenna, 350–470 MHz, 617-960MHz and 1710–6000 MHz

- This product is part of the CommScope Wired for Wireless® Solution

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)
Mounting Note	For antenna installation on metal ceilings, please contact your local CommScope representative
Number of Ports	1
Pigtail Cable	KSR195, plenum rated
Radome Material	ABS
RF Connector Interface	N Female

Dimensions

Height	150 mm 5.906 in
Pigtail Length	500 mm 19.685 in
Outer Diameter	248 mm 9.764 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1710 – 6000 MHz 350 – 470 MHz 617 – 806 MHz 698 – 960 MHz

Electrical Specifications

Frequency Band, MHz	350–470	617–698	698–960	1710–6000
Gain, dBi	2.5	2.5	3.4	6
Beamwidth, Horizontal, degrees	360	360	360	360
VSWR Return loss, dB	1.9 10.1	1.8 10.9	1.8 10.9	1.9 10.1
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150	-150
Input Power per Port, maximum, watts	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	260 mm 10.236 in
Depth, packed	220 mm 8.661 in
Length, packed	260 mm 10.236 in
Packaging quantity	1
Weight, gross	1.2 kg 2.646 lb
Weight, net	1 kg 2.205 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

