

# CMAX-OMF9-43-UWI53 | CMAX-OMF9-43-UWi53



Cell-Max™ Low PIM Omni 4x4 MIMO In-building Antenna, 1695–2700MHz, 3300–4200MHz and 4600–6000MHz

## Product Classification

<b>Product Type</b>	In-building antenna
<b>Product Brand</b>	Cell-Max™

## General Specifications

<b>Application</b>	Indoor
<b>Antenna Type</b>	Omni
<b>Polarization</b>	Linear Horizontal
<b>Color</b>	White (RAL 9016)
<b>Mounting</b>	Thru-hole ceiling mount (optional)
<b>Mounting Note</b>	For antenna installation on metal ceilings, please contact your local ANDREW representative
<b>Number of Ports</b>	4
<b>Pigtail Cable</b>	670-141SXE, plenum rated
<b>Radome Material</b>	ASA+PC, UV stabilized
<b>RF Connector Interface</b>	4.3-10 Female

## Dimensions

<b>Height</b>	14 mm   0.551 in
<b>Pigtail Length</b>	500 mm   19.685 in
<b>Outer Diameter</b>	210 mm   8.268 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1695 – 2700 MHz   3300 – 4200 MHz   4600 – 6000 MHz
<b>Electrical Note</b>	Values typical, unless otherwise stated

## Electrical Specifications

Frequency Band, MHz	1695–2700	3300–4200	4600–6000
---------------------	-----------	-----------	-----------

<b>Gain, dBi</b>	3.6	5.2	4.7
<b>Beamwidth, Horizontal, degrees</b>	360	360	360
<b>Isolation, Cross Polarization, dB</b>	17	24	24
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-153	-153	
<b>Input Power per Port, maximum, watts</b>	50	50	50

## VSWR/Return Loss

<b>Frequency Band</b>	<b>VSWR, Maximum</b>	<b>Return Loss, Maximum (dB)</b>	<b>VSWR, Mean</b>	<b>Return Loss, Mean (dB)</b>
<b>1695–2700 MHz</b>	1.798	10.9	1.499	14
<b>3300–4200 MHz</b>	1.798	10.9	1.499	14
<b>4800–6000 MHz</b>	1.798	10.9	1.499	14

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Relative Humidity</b>	Up to 100%

## Packaging and Weights

<b>Height, packed</b>	250 mm   9.843 in
<b>Depth, packed</b>	125 mm   4.921 in
<b>Length, packed</b>	250 mm   9.843 in
<b>Weight, net</b>	0.7 kg   1.543 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

