# 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

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

#### General Specifications

Application	Indoor	
Antenna Type	Omni	
Polarization	Linear Horizontal	
Color	White (RAL 9016)	
Mounting	Thru-hole ceiling mount (optional)	
Mounting Note	For antenna installation on metal ceilings, please contact your local CommScope representative	
Number of Ports	4	
Pigtail Cable	670-141SXE, plenum rated	
Radome Material	ASA+PC, UV stabilized	
RF Connector Interface	4.3-10 Female	
Dimensions		
Height	14 mm   0.551 in	
Pigtail Length	500 mm   19.685 in	
Outer Diameter	210 mm   8.268 in	
Electrical Specifications		
Impedance	50 ohm	
Operating Frequency Band	1695 – 2700 MHz   3300 – 4200 MHz   4600 – 6000 MHz	
Electrical Note	Values typical, unless otherwise stated	

## **Electrical Specifications**

Frequency Band, MHz	1695-2700	3300-4200	4600-6000	
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Gain, dBi	3.6	5.2	4.7
Beamwidth, Horizontal, degrees	360	360	360
Isolation, Cross Polarization, dB	17	24	24
VSWR   Return loss, dB	1.6   12.7	1.6   12.7	1.6   12.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	
Input Power per Port, maximum, watts	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	250 mm   9.843 in
Depth, packed	125 mm   4.921 in
Length, packed	250 mm   9.843 in
Weight, net	0.7 kg   1.543 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
ROHS	Compliant
UK-ROHS	Compliant



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