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	
---------------------	-----------	-----------	-----------	--

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 25, 2023



Page 1 of 2

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

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



©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 25, 2023

