

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	670-141SX, 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

