



Cell-Max™ Low PIM Omni MIMO In-building Antenna, 1695–2700, 3300–4200, 4900–6000 MHz

This product will be discontinued on: July 30, 2022

Replaced By:

CMAX-OMF8-43-UWI53 Cell-Max™ Low PIM Omni MIMO In-building Antenna, 617-6000 MHz

Product Classification

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

General Specifications

Application	Indoor
Antenna Type	Omni
Antenna Array Characteristic	MIMO 2x2
Polarization	Horizontal Vertical
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	2
Pigtail Cable	670-141SXE, plenum rated
Radome Material	ABS
RF Connector Interface	4.3-10 Female

Dimensions

Height	108 mm 4.252 in
Pigtail Length	500 mm 19.685 in

Outer Diameter 176 mm | 6.929 in

Electrical Specifications

Electrical Note Values typical, unless otherwise stated

Impedance 50 ohm

Operating Frequency Band 1695 – 2700 MHz | 3300 – 4200 MHz | 4900 – 6000 MHz

Electrical Specifications

Frequency Band, MHz	1695–2700	3300–4200	4900–6000
Gain, dBi	3	4	4
Beamwidth, Horizontal, degrees	360	360	360
Isolation, Cross Polarization, dB	23	28	28
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

Width, packed 175 mm | 6.89 in

Depth, packed 190 mm | 7.48 in

Length, packed 175 mm | 6.89 in

Weight, gross 0.6 kg | 1.323 lb

Weight, net 0.5 kg | 1.102 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

CMAX-OMF3-43-UWI53

