

CMAX-OMF3-UWI53



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

OBSOLETE

This product was 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 N Female

Dimensions

Height 108 mm | 4.252 in
Pigtail Length 500 mm | 19.685 in
Outer Diameter 176 mm | 6.929 in

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Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2700 MHz 3300 – 4200 MHz 4900 – 6000 MHz
Electrical Note	Values typical, unless otherwise stated

Electrical Specifications

Frequency Band, MHz	1695–2700	3300–4200	4900–6000
Gain, dBi	3	4	5
Beamwidth, Horizontal, degrees	360	360	360
Isolation, Cross Polarization, dB	23	28	28
VSWR Return loss, dB	1.8 10.9	1.7 11.7	1.7 11.7
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
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

