

CMAX-OMF4-43M-153



Cell-Max™ Low PIM Omni MIMO In-building Antenna, 698–960 MHz and 1710–2700 MHz

OBSOLETE

This product was discontinued on: July 31, 2021

Replaced By:

CMAX-OMF1-43-V53 Cell-Max™ Low PIM Omni MIMO In-building Antenna, 698–960 MHz and 1710–2700 MHz, 4.3-10

Product Classification

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

General Specifications

Application Indoor/Outdoor
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 Male

Dimensions

Height 155 mm | 6.102 in
Pigtail Length 762 mm | 30 in
Outer Diameter 220 mm | 8.661 in

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Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1710 – 2700 MHz 698 – 960 MHz

Electrical Specifications

Frequency Band, MHz	698–800	800–960	1710–2200	2200–2700
Gain, dBi	1.7	1.9	3.3	3.3
Beamwidth, Horizontal, degrees	360	360	360	360
Isolation, Cross Polarization, dB	25	25	25	25
VSWR Return loss, dB	1.8 10.9	1.8 10.9	1.7 11.7	1.7 11.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153
Input Power per Port, maximum, watts	50	50	50	50

Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Height, packed	230 mm 9.055 in
Width, packed	230 mm 9.055 in
Length, packed	230 mm 9.055 in
Weight, gross	1 kg 2.205 lb
Weight, net	0.8 kg 1.764 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
UK-ROHS	Compliant



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