

CMAX-0US-UW43-153



Cell-Max™ Low PIM Omni In-building Antenna, 1695-2700 MHz, 3300-4200 MHz and 4900-6000MHz 4.3-10

OBSOLETE

This product was discontinued on: July 30, 2022

Product Classification

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

General Specifications

Application	Indoor
Antenna Type	Omni
Antenna Array Characteristic	SISO
Polarization	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	1
Pigtail Cable	670-141SXE, plenum rated
Radome Material	ASA+PC, UV stabilized
RF Connector Interface	4.3-10 Female

Dimensions

Height	12 mm 0.472 in
Pigtail Length	400 mm 15.748 in
Outer Diameter	170 mm 6.693 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	1695–2200	2200–2700	3300–4200	4900–6000
Gain, dBi	2.9	5.4	2.7	5.8
Beamwidth, Horizontal, degrees	360	360	360	360
VSWR Return loss, dB	1.8 10.9	1.8 10.9	1.8 10.9	1.8 10.9
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	
Input Power per Port, maximum, watts	100	100	100	100

Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%

Packaging and Weights

Width, packed	135 mm 5.315 in
Depth, packed	175 mm 6.89 in
Length, packed	135 mm 5.315 in
Packaging quantity	1
Weight, gross	0.4 kg 0.882 lb
Weight, net	0.3 kg 0.661 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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