

CMAX-D-43-UW-153



Low PIM Directional In-building Antenna, 617–960 MHz, 1695–2700, 3300–3800 and 4900–6000MHz

Product Classification

Product Type In-building antenna

General Specifications

Application Indoor

Antenna Type Directional

Antenna Array Characteristic SISO

Polarization Vertical

Color Light Gray (RAL 7035)

Mounting 4-hole wall mounting plate and hardware (included)

Number of Ports 1

Pigtail Cable 670-141SXE, plenum rated

Radome Material PVC

RF Connector Interface 4.3-10 Female

Dimensions

Width 296 mm | 11.654 in

Depth 126 mm | 4.961 in

Length 301 mm | 11.85 in

Pigtail Length 420 mm | 16.535 in

Electrical Specifications

Impedance 50 ohm

Operating Frequency Band 1695 – 2700 MHz | 3300 – 3800 MHz | 5150 – 5950 MHz | 617 – 698 MHz | 698 – 960 MHz

Electrical Note Values typical, unless otherwise stated

Electrical Specifications

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Frequency Band, MHz	617–698	698–960	1710–2700	3300–3800	4900–6000
Gain, dBi	5.8	5.8	7.2	6.5	4.8
Beamwidth, Horizontal, degrees	90	86	58	60	68
Beamwidth, Vertical, degrees	85	80	60	57	50
VSWR Return loss, dB	1.8 10.9	1.8 10.9	1.8 10.9	1.7 11.7	1.8 10.9
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	
Input Power per Port, maximum, watts	50	50	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	320 mm 12.598 in
Depth, packed	205 mm 8.071 in
Length, packed	430 mm 16.929 in
Net Weight, with mounting kit	2.7 kg 5.952 lb
Packaging quantity	1
Weight, gross	3.7 kg 8.157 lb
Weight, net	2.4 kg 5.291 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

