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
ROHS	Compliant
UK-ROHS	Compliant



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