



CMAX-D-43-V53

Low PIM Directional In-building Antenna, 698–960 MHz, 1710–2700 MHz, 4.3-10

Electrical Specifications

Frequency Band, MHz	698–800	800–960	1695–1880	1850–1990	1920–2180	2200–2700	2300–2360
Gain, dBi	5.5	6.2	7.3	7.3	7.4	7.6	7.9
Beamwidth, Horizontal, degrees	98	90	73	76	76	76	73
Beamwidth, Vertical, degrees	76.0	60.0	60.0	60.0	60.0	57.0	58.0
VSWR Return Loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts	50	50	50	50	50	50	50
Polarization	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm

General Specifications

Antenna Type	Directional
Application	Indoor
Operating Frequency Band	1710 – 2700 MHz 698 – 960 MHz
Brand	Andrew®
Mount Type	4-hole wall mounting plate and hardware (included)
Number of Ports, all types	1
Package Quantity	1
Pigtail Cable	670-141SXE, plenum rated

Electrical Specifications

Electrical Note	PIM specifications are less than or equal to the stated value
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Mechanical Specifications

Color	White
Pigtail Length	420.0 mm 16.5 in
Radome Material	ABS
RF Connector Interface	4.3-10 Female

Environmental Specifications

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

Dimensions

CMAX-D43-V53

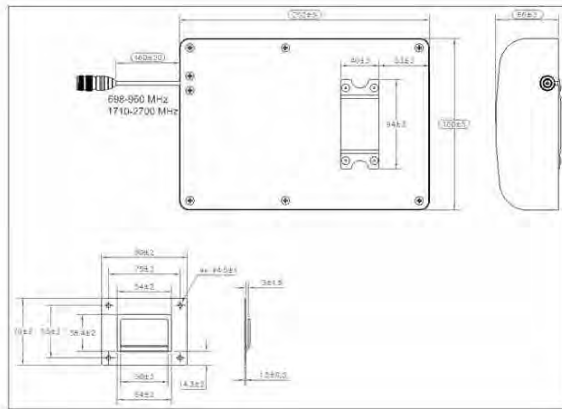
Depth	62.0 mm		2.4 in
Length	262.0 mm		10.3 in
Width	180.0 mm		7.1 in
Net Weight	850.0 g		1.9 lb

Packed Dimensions

Depth	85.0 mm		3.3 in
Length	320.0 mm		12.6 in
Width	185.0 mm		7.3 in
Shipping Weight	1000.0 g		2.2 lb

CMAX-D-43-V53

Outline Drawing



Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU
ISO 9001:2008

Classification

Compliant by Exemption
Designed, manufactured and/or distributed under this quality management system

