

CMAX-D-43-UW-I53-0



Low PIM Directional Antenna, Indoor/Outdoor, 617–960 MHz, 1695–2700 MHz, 3300–4200 MHz, and 4900–6000 MHz

- PIM, 3rd Order, 2x20W, maximum dBc: <-153
- VSWR | Return Loss, maximum dB: <1.8 | 10.9

Product Classification

Product Type Indoor/outdoor antenna

General Specifications

Application	Indoor/Outdoor
Antenna Type	Directional
Antenna Array Characteristic	SISO
Polarization	Vertical
Color	Light Gray (RAL 7035)
Mounting	Wall/Pole Mount, mounting kit included
Mounting Note	Pole mounting: 30 to 50 mm, azimuth and elevation adjustable
Number of Ports	1
Pigtail Cable	670-141FEP, plenum rated
Radome Material	PVC
RF Connector Interface	4.3-10 Female

Dimensions

Width	290 mm 11.417 in
Depth	120 mm 4.724 in
Length	320 mm 12.598 in
Pigtail Length	500 mm 19.685 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2700 MHz 3300 – 4200 MHz 4900 – 6000 MHz 617 – 960 MHz
Electrical Note	Values typical, unless otherwise stated

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Electrical Specifications

Frequency Band, MHz	617–960	1695–2700	3300–4200	4900–6000
Gain, dBi	5.7	7.3	6.7	6.5
Beamwidth, Horizontal, degrees	100	68	62	53
Beamwidth, Vertical, degrees	73	62	58	52
VSWR Return loss, maximum, dB	1.8 10.9	1.8 10.9	1.8 10.9	1.8 10.9
PIM, 3rd Order, maximum, 2 x 20 W, dBc	-153	-153	-153	-153
Input Power per Port, maximum, watts	50	50	50	50

Mechanical Specifications

Wind Loading @ Velocity, maximum	352.0 N @ 241 km/h (79.1 lbf @ 241 km/h)
Wind Speed, maximum	241 km/h (150 mph)

Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 95%
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Width, packed	360 mm 14.173 in
Depth, packed	210 mm 8.268 in
Length, packed	485 mm 19.094 in
Net Weight, with mounting kit	3.46 kg 7.628 lb
Packaging quantity	1
Weight, gross	3.7 kg 8.157 lb
Weight, net	2.7 kg 5.952 lb