

CMAX-D-CPUSEI53

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

OBSOLETE

This product was discontinued on: July 15, 2016

Product Classification

Product Type In-building antenna

General Specifications

Application Indoor

Antenna Type Directional

Polarization Vertical

Color White

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

Number of Ports 1

Pigtail Cable 670-141SXE, plenum rated

Radome Material ABS

RF Connector Interface N Female

Dimensions

Width 180 mm | 7.087 in

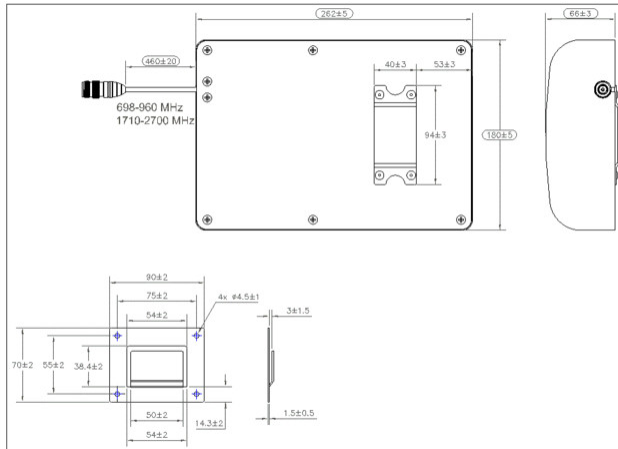
Depth 62 mm | 2.441 in

Length 262 mm | 10.315 in

Pigtail Length 420 mm | 16.535 in

CMAX-D-CPUSEI53

Outline Drawing



Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1710 – 2700 MHz 698 – 960 MHz
Electrical Note	PIM specifications are less than or equal to the stated value

Electrical Specifications

Frequency Band, MHz	698–800	800–960	1710–2200	2200–2700
Gain, dBi	6	6	7	7
Beamwidth, Horizontal, degrees	90	83	65	88
Beamwidth, Vertical, degrees	72	53	46	50
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	18	13	18	15
VSWR Return loss, dB	1.7 11.7	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153
Input Power per Port, maximum, watts	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

C MAX-D-CPUSEI53

Width, packed	185 mm 7.283 in
Depth, packed	85 mm 3.346 in
Length, packed	320 mm 12.598 in
Packaging quantity	1
Weight, gross	1 kg 2.205 lb
Weight, net	0.9 kg 1.984 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

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