CELLMAX-D-CPUSE



Cell-Max™ Directional In-building Antenna, 698–960 MHz, 1710–2700 MHz

- This product is part of the CommScope Wired for Wireless® Solution

Product Classification

Product Type	In-building antenna
Product Brand	Cell-Max™

General Specifications

Application	Indoor
Antenna Type	Directional
Antenna Array Characteristic	SISO
Polarization	Vertical
Color	White (RAL 9016)
Mounting	4-hole wall mounting plate and hardware (included)
Number of Ports	1
Pigtail Cable	RG85U, plenum rated
Radome Material	ABS
RF Connector Interface	N Female

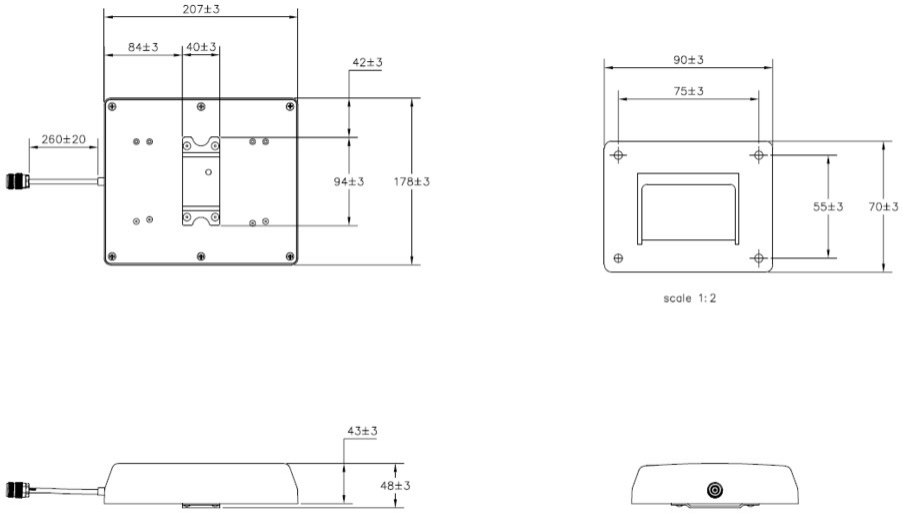
Dimensions

Width	180 mm | 7.087 in
Depth	44 mm | 1.732 in
Length	210 mm | 8.268 in
Pigtail Length	260 mm | 10.236 in

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Outline Drawing



Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1710 – 2700 MHz | 698 – 960 MHz

Electrical Specifications

Frequency Band, MHz	**698–800**	**800–960**	**1710–2170**	**2200–2700**
Gain, dBi	5.1	5.8	8.7	6.9
Beamwidth, Horizontal, degrees	128	94	60	54
Beamwidth, Vertical, degrees	85	82	57	38
VSWR | Return loss, dB	1.8 | 10.9	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0
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

Width, packed	190 mm | 7.48 in
Depth, packed	55 mm | 2.165 in

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Length, packed	250 mm | 9.843 in
Packaging quantity	1
Weight, gross	0.6 kg | 1.323 lb
Weight, net	0.4 kg | 0.882 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



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