

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

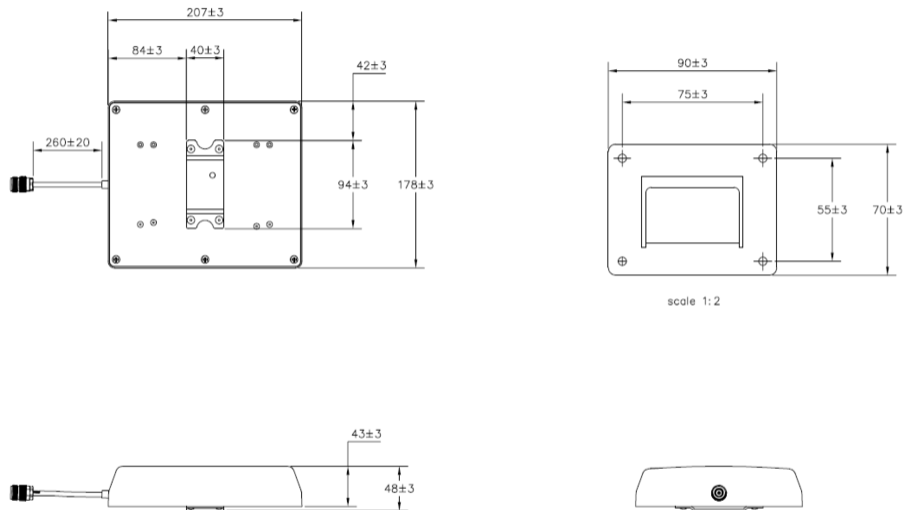
Antenna Type	Directional
Application	Indoor
Color	White
Mounting	4-hole wall mounting plate and hardware (included)
Pigtail Cable	RG85U, plenum rated
RF Connector Interface	N Female

Dimensions

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

CELLMAX-D-CPUSE

Outline Drawing



Electrical Specifications

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

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

CELLMAX-D-CPUSE

Input Power per Port, maximum, watts 50 50 50 50

Material Specifications

Radome Material ABS

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

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

