COMMSCOPE®

on the go

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

General Specifications

Antenna Type	Directional
Operating Frequency Band	1710 – 2700 MHz | 698 – 960 MHz
Brand	Cell-Max™
Color	White
Interface	N Female
Package Quantity	1
Pigtail Cable	RG85U, plenum rated
Radome Color	White
Radome Material	ABS, UV resistant

Electrical Specifications

Operating Frequency Band	698 – 800 MHz
Beamwidth, Horizontal	110° nominal
Beamwidth, Vertical	100° nominal
Gain at Frequency Band	5.0 dBi @ 698–800 MHz
Impedance	50 ohm
Input Power, maximum	50 W
Polarization	Vertical
Return Loss	10.9 dB
VSWR	1.8:1

Electrical Specifications (Band 2)

Operating Frequency Band	1710 – 2700 MHz | 800 – 960 MHz
Beamwidth, Horizontal	90° nominal
Beamwidth, Vertical	65° nominal
Gain at Frequency Band	5.0 dBi @ 800–960 MHz | 6.0 dBi @ 2170–2700 MHz | 8.0 dBi @ 1710–2170 MHz
Return Loss at Frequency Band	13.9 dB
VSWR	1.5:1

Mechanical Specifications

Mounting	4-hole wall mounting plate and hardware included
Pigtail Length	260.0 mm | 10.2 in

Environmental Specifications

Application	Indoor
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)

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Relative Humidity	Up to 100%

Dimensions

Height	210.00 mm	8.27 in
Length	44.00 mm	1.73 in
Net Weight	0.44 kg	0.97 lb
Width	180.00 mm	7.09 in

Packed Dimensions

Height	55.0 mm	2.2 in
Length	250.0 mm	9.8 in
Shipping Weight	0.58 kg	1.28 lb
Volume	2612.5000 cc	
Width	190.0 mm	7.5 in

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system