



CELLMAX-O-CPUSE

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

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

General Specifications

Antenna Type	Omnidirectional
Operating Frequency Band	1710 – 2700 MHz 698 – 960 MHz
Brand	Cell-Max™
Color	White
Interface	N Female
Package Quantity	1
Pigtail Cable	KSR195, plenum rated
Radome Color	White
Radome Material	ABS, UV resistant

Electrical Specifications

Operating Frequency Band	698 – 800 MHz
Beamwidth, Horizontal	360° omnidirectional
Beamwidth, Vertical	80° nominal
Gain at Frequency Band	1.5 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	360° omnidirectional
Beamwidth, Vertical	65° nominal
Gain at Frequency Band	1.5 dBi @ 800–960 MHz 5.0 dBi @ 1710–2700 MHz
Return Loss at Frequency Band	13.9 dB
VSWR	1.5:1

Mechanical Specifications

Mounting	Thru-hole ceiling mount (optional)
Pigtail Length	315.0 mm 12.4 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

Diameter, maximum	186.00 mm 7.32 in
Height	85.00 mm 3.35 in
Length	186.00 mm 7.32 in
Net Weight	0.30 kg 0.66 lb
Width	186.00 mm 7.32 in

Packed Dimensions

Height	135.0 mm 5.3 in
Length	195.0 mm 7.7 in
Shipping Weight	0.41 kg 0.90 lb
Volume	5133.3000 cc
Width	195.0 mm 7.7 in

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
ISO 9001:2008

Classification

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

