

CELLMAX-D-CPUSE-O



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

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

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	85.0	82.0	57.0	38.0
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
Polarization	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm

Product Classification

Brand	Cell-Max™
Product Type	Indoor/outdoor antenna

General Specifications

Antenna Type	Directional
Application	Outdoor
Operating Frequency Band	1710 – 2700 MHz 698 – 960 MHz
Mount Type	4-hole wall mounting plate and hardware (included)
Package Quantity	1
Pigtail Cable	RG85U, plenum rated

Mechanical Specifications

Color	White
Pigtail Length	260.0 mm 10.2 in
Radome Material	ABS, UV resistant
RF Connector Interface	N Female

Environmental Specifications

Ingress Protection Test Method IEC 60529:2001, IP66

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Operating Temperature -40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity Up to 100%

Dimensions

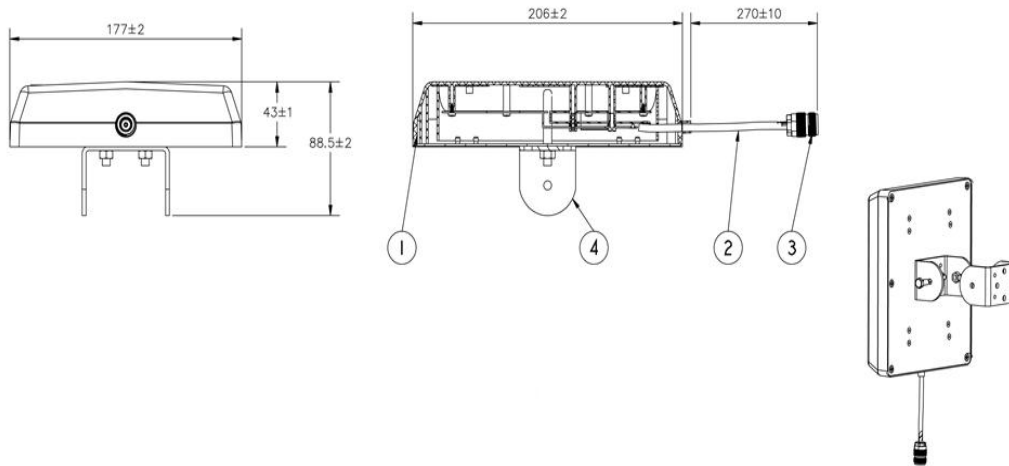
Depth 44.0 mm | 1.7 in
Length 210.0 mm | 8.3 in
Width 180.0 mm | 7.1 in
Net Weight 0.4 kg | 1.0 lb

Packed Dimensions

Depth 55.0 mm | 2.2 in
Length 250.0 mm | 9.8 in
Width 190.0 mm | 7.5 in
Shipping Weight 0.6 kg | 1.3 lb

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Outline Drawing



Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

Classification

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

