

# CELLMAX-EXT-CPU

---

Cell-Max™ Directional Outdoor Antenna, 806–n 960 MHz and 1710–2200 MHz

## **OBSOLETE**

### **Replaced By:**

CELLMAX-EXT-CPUSE	Cell-Max™ Directional Outdoor Antenna, 698–960 MHz and 1710–2700 MHz
CMAX-EXT-CPUSEI53	Cell-Max™ Low PIM Directional Outdoor Antenna, 698–960 MHz and 1710–2700 MHz

## Product Classification

<b>Product Type</b>	Indoor/outdoor antenna
<b>Product Brand</b>	Cell-Max™

## General Specifications

<b>Application</b>	Outdoor
<b>Antenna Type</b>	Directional
<b>Polarization</b>	Vertical
<b>Color</b>	White
<b>Mounting</b>	Poles between 25–60 mm with supplied clamps
<b>Radome Material</b>	PVC, UV resistant

## Dimensions

<b>Width</b>	308 mm   12.126 in
<b>Length</b>	480 mm   18.898 in
<b>Depth</b>	76 mm   2.992 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Lightning Protection</b>	dc Ground

# CELLMAX-EXT-CPU

**Operating Frequency Band** 1710 – 2200 MHz | 806 – 960 MHz

## Electrical Specifications

Frequency Band, MHz	806–960	1710–2200
Gain, dBi	10.5	12
Beamwidth, Horizontal, degrees	56.5	68
Beamwidth, Vertical, degrees	33	21.5
Front-to-Back Ratio at 180°, dB	18	20
VSWR   Return loss, dB	1.8   10.9	1.8   10.9
Input Power per Port, maximum, watts	100	100

## Electrical Specifications, BASTA

Frequency Band, MHz	806–960	1710–2200
Beamwidth, Horizontal Tolerance, degrees	±6.5	±7.5
Beamwidth, Vertical Tolerance, degrees	±4	±2.5

## Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP56

## Packaging and Weights

Width, packed	370 mm   14.567 in
Depth, packed	196 mm   7.717 in
Length, packed	590 mm   23.228 in
Packaging quantity	1
Weight, gross	6 kg   13.228 lb
Weight, net	4.8 kg   10.582 lb

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

