

# CMAX-YG-CPUSEW-153



Cell-Max™ Log Periodic Outdoor Antenna 698-3800MHz

## 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>Number of Ports</b>	1
<b>RF Connector Interface</b>	4.3-10 Female

## Dimensions

<b>Width</b>	210 mm   8.268 in
<b>Length</b>	440 mm   17.323 in
<b>Depth</b>	65 mm   2.559 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1400 – 1600 MHz   1710 – 2700 MHz   3300 – 3800 MHz   698 – 960 MHz

## Electrical Specifications

Frequency Band, MHz	698–800	800–960	1400–1600	1695–2700	3300–3800
<b>Gain, dBi</b>	8.2	8.4	9.5	9.5	9.2
<b>Beamwidth, Horizontal, degrees</b>	91	92	75	73	69
<b>Beamwidth, Vertical, degrees</b>	64	66	57	55	51

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<b>Front-to-Back Ratio at 180°, dB</b>	16	21	21	22	16
<b>VSWR   Return loss, dB</b>	1.7   11.7	1.7   11.7	1.6   12.7	1.6   12.7	1.6   12.7
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-153	-153	-153	-153	-153
<b>Input Power per Port, maximum, watts</b>	100	100	100	100	100

## Environmental Specifications

<b>Relative Humidity</b>	Up to 100%
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP65

## Packaging and Weights

<b>Height, packed</b>	245 mm   9.646 in
<b>Depth, packed</b>	93 mm   3.661 in
<b>Length, packed</b>	513 mm   20.197 in
<b>Packaging quantity</b>	1
<b>Weight, gross</b>	1.14 kg   2.513 lb
<b>Weight, net</b>	0.53 kg   1.168 lb