

CMAX-YG-CPUSEW-153



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

Product Classification

Product Type	Indoor/outdoor antenna
Product Brand	Cell-Max™

General Specifications

Application	Outdoor
Antenna Type	Directional
Polarization	Vertical
Color	White
Number of Ports	1
Radome Material	ABS
RF Connector Interface	4.3-10 Female

Dimensions

Width	210 mm 8.268 in
Depth	65 mm 2.559 in
Length	440 mm 17.323 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1400 – 1600 MHz 1710 – 2700 MHz 3300 – 3800 MHz 698 – 960 MHz
Electrical Note	Values typical, unless otherwise stated

Electrical Specifications

Frequency Band, MHz	698–800	800–960	1400–1600	1695–2700	3300–3800
Gain, dBi	8.2	8.4	9.5	9.5	9.2
Beamwidth, Horizontal, degrees	91	92	75	73	69

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Beamwidth, Vertical, degrees	64	66	57	55	51
Front-to-Back Ratio at 180°, dB	16	21	21	22	16
VSWR Return loss, dB	1.7 11.7	1.7 11.7	1.6 12.7	1.6 12.7	1.6 12.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts	100	100	100	100	100

Environmental Specifications

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

Packaging and Weights

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

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

