CMAX-YG-CPUSEW-I53



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



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