



Andrew Solutions
CELLMAX-EXT-CPU

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

Electrical Specifications

Frequency Band, MHz	806–960	1710–2200
Gain, dBi	10.5	12.0
Beamwidth, Horizontal, degrees	57	68
Beamwidth, Horizontal Tolerance, degrees	±6.5	±7.5
Beamwidth, Vertical, degrees	33.0	21.5
Beamwidth, Vertical Tolerance, degrees	±4	±2.5
Front-to-Back Ratio at 180°, dB	18	20
VSWR Return Loss, dB	1.8:1 10.9	1.8:1 10.9
Input Power per Port, maximum, watts	100	100
Polarization	Vertical	Vertical
Impedance	50 ohm	50 ohm
Lightning Protection	dc Ground	dc Ground

General Specifications

Antenna Type	Directional
Application	Outdoor
Operating Frequency Band	1710 – 2200 MHz 806 – 960 MHz
Brand	Cell-Max™
Mount Type	Poles between 25–60 mm with supplied clamps
Package Quantity	1

Mechanical Specifications

Color	White
Radome Material	PVC, UV resistant

Environmental Specifications

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

Dimensions

Height	480.00 mm 18.90 in
Length	76.00 mm 2.99 in
Width	308.00 mm 12.13 in
Net Weight	4.80 kg 10.58 lb

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Packed Dimensions

Height	196.00 mm		7.72 in
Length	370.00 mm		14.57 in
Width	590.00 mm		23.23 in
Shipping Weight	6.00 kg		13.23 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU
ISO 9001:2008

Classification

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

