

CELLMAX-EXT-CPU



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

OBSOLETE

Replaced By:

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

Product Classification

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

General Specifications

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

Dimensions

Width	308 mm 12.126 in
Depth	76 mm 2.992 in
Length	480 mm 18.898 in

Electrical Specifications

Impedance	50 ohm
Lightning Protection	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	±4.0	±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

