

This specification is OBSOLETE



CELLMAX-EXT-CPUSE

Cell-Max™ Directional Outdoor Antenna, 698–960 MHz and 1710–2700 MHz

OBSOLETE

This product was discontinued on: **October 31, 2015**

Replaced By:

CMAX-EXT-CPUSEi53 Low PIM Directional Outdoor Antenna, 698–960 MHz and 1710–2700 MHz

Electrical Specifications

Frequency Band, MHz	698–800	800–960	1710–2200	2200–2700
Gain, dBi	11.0	11.0	11.0	11.0
Beamwidth, Horizontal, degrees	71	64	69	55
Beamwidth, Vertical, degrees	36.0	30.0	30.0	30.0
Front-to-Back Ratio at 180°, dB	20	20	20	20
VSWR Return Loss, dB	1.8 10.9	1.8 10.9	1.8 10.9	1.8 10.9
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150	-150
Input Power per Port, maximum, watts	100	100	100	100
Polarization	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm

General Specifications

Antenna Type	Directional
Application	Outdoor
Operating Frequency Band	1710 – 2700 MHz 698 – 960 MHz
Brand	Cell-Max™
Mount Type	Poles between 30–55 mm with supplied clamps
Package Quantity	1

Mechanical Specifications

Color	White
Radome Material	PVC, UV resistant
RF Connector Interface	7-16 DIN Female

Environmental Specifications

Ingress Protection Test Method	IEC 60529:2001, IP66
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%

CELLMAX-EXT-CPUSE

Dimensions

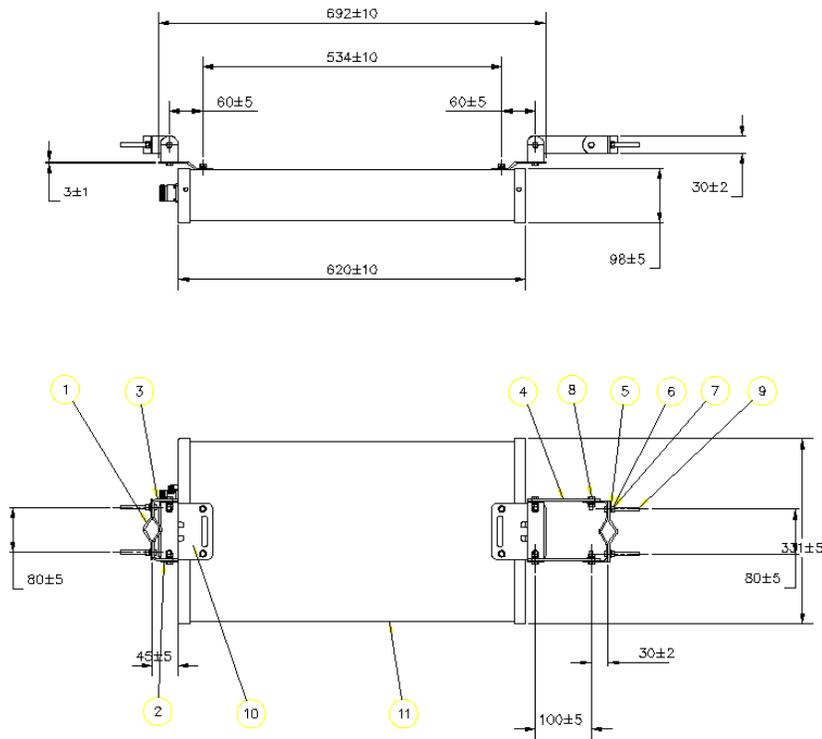
Depth	98.0 mm		3.9 in
Length	620.0 mm		24.4 in
Width	331.0 mm		13.0 in
Net Weight	4.5 kg		9.9 lb

Packed Dimensions

Depth	162.0 mm		6.4 in
Length	829.0 mm		32.6 in
Width	349.0 mm		13.7 in
Shipping Weight	6.5 kg		14.3 lb

CELLMAX-EXT-CPUSE

Outline Drawing



Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system