This specification is OBSOLETE



Cell-Max[™] Directional High Capacity Venue MIMO Antenna, 698–960 MHz and 1710–2700 MHz, 30-Deg, 11 dBi

Electrical Specifications

Frequency Band, MHz	698–960	1710–2200	2200–2700
Gain, dBi	11.0	11.0	11.0
Beamwidth, Horizontal, degrees	30	33	30
Beamwidth, Vertical, degrees	62.0	61.0	60.0
Front-to-Back Ratio at 180°, dB	24	24	24
CPR at Boresight, dB	20	20	20
Isolation, Cross Polarization, dB	26	26	26
VSWR Return Loss, dB	1.9 10.1	1.9 10.1	1.8 10.9
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150
Input Power per Port, maximum, watts	100	100	100
Polarization	±45°	±45°	±45°
Impedance	50 ohm	50 ohm	50 ohm

Product Classification

Brand Cell-Max[™]

Product Type In-building antenna

General Specifications

Antenna Type Directional

ApplicationIndoorOutdoorIncludesMounting bracket

Number of Ports, all types 2 Package Quantity 1

Mechanical Specifications

Color Off-white

RADICATE NATION AND SET OF STREET AND SET OF ST

Wind Loading, maximum 686.0 N @ 216 km/h | 154.2 lbf @ 216 km/h

Wind Speed, maximum 216 km/h | 134 mph

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CMAX-DM30-CPUSEi

Environmental Specifications

Ingress Protection Test Method IEC 60529:2001, IP65

Operating Temperature $-40 \, ^{\circ}\text{C} \text{ to } +60 \, ^{\circ}\text{C} \text{ (-40 } ^{\circ}\text{F to } +140 \, ^{\circ}\text{F)}$

Relative Humidity Up to 100%

Vibration Test Method ASTM D4169 | IEC 60068-2-6

Dimensions

 Depth
 127.0 mm | 5.0 in

 Length
 609.6 mm | 24.0 in

 Width
 340.4 mm | 13.4 in

 Net Weight
 6.6 kg | 14.5 lb

Packed Dimensions

 Depth
 210.0 mm
 | 8.3 in

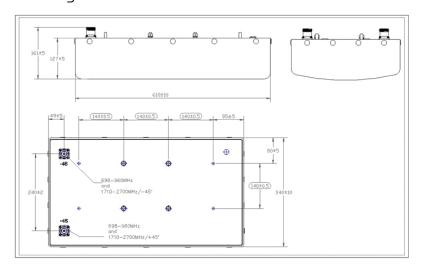
 Length
 890.0 mm
 | 35.0 in

 Width
 350.0 mm
 | 13.8 in

 Shipping Weight
 12.5 kg
 | 27.6 lb

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Outline Drawing



Regulatory Compliance/Certifications

Agency Classification RoHS 2011/65/EU

