

CMAX-2060-43-US



Cell-Max™ Low PIM Directional High Capacity Venue MIMO Antenna,
2x1695–2700, 4x 3100–4200, 2x 5150–5925 MHz,

OBSOLETE

This product was discontinued on: April 29, 2022

Product Classification

Product Type In-building antenna
Product Brand Cell-Max™

General Specifications

Application Indoor/Outdoor
Antenna Type Directional
Polarization ±45°
Color White (RAL 9016)
Number of Ports 8
Radome Material ABS + ASA
RF Connector Interface 4.3-10 Female

Dimensions

Width 131 mm | 5.157 in
Depth 348 mm | 13.701 in
Length 478 mm | 18.819 in

Electrical Specifications

Electrical Note Values typical, unless otherwise stated
Impedance 50 ohm
Lightning Protection dc Ground
Operating Frequency Band 1695 – 2700 MHz | 3100 – 4200 MHz | 5150 – 5925 MHz

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Electrical Specifications

Frequency Band, MHz	1695–2200	2200–2700	3100–4200	5150–5925
Gain, dBi	13.1	14.3	13.8	4.2
Beamwidth, Horizontal, degrees	23	18	19	20
Beamwidth, Vertical, degrees	66	62	63	20
Horizontal Sidelobe, dB	18	18	16	18
Front-to-Back Total Power at 180° ± 30°, dB	30	35	35	28
CPR at Boresight, dB	25	22	20	17
Isolation, Cross Polarization, dB	24	20	20	20
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	
Input Power per Port, maximum, watts	100	100	100	1

Mechanical Specifications

Wind Loading @ Velocity, maximum	2,128.0 N @ 216 km/h (478.4 lbf @ 216 km/h)
Wind Speed, maximum	216 km/h 134.216 mph

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, IP65
Vibration Test Method	ASTM D4169 IEC 60068-2-6

Packaging and Weights

Height, packed	225 mm 8.858 in
Width, packed	425 mm 16.732 in
Length, packed	735 mm 28.937 in
Included	Mounting bracket
Packaging quantity	1
Weight, gross	8.5 kg 18.739 lb
Weight, net	3.9 kg 8.598 lb