

CMAX-DMW3060-43153



Cell-Max™ Low PIM Directional High Capacity Venue (4x4) MIMO Antenna, 1695–2700, 3300-3800, 4900-6000 MHz,

OBSOLETE

This product was discontinued on: July 29, 2022

Replaced By:

CMAX-HM4-30-I53 Cell-Max™ Low PIM Directional High Capacity Venue (4x4) MIMO Antenna, 1695–2700, 3300-4200MHz,

Product Classification

Product Type Over-the-head stadium antenna
Product Brand Cell-Max™

General Specifications

Application Indoor
Antenna Type Directional
Antenna Array Characteristic MIMO 4x4
Polarization ±45°
Color Light Gray (RAL 7035)
Number of Ports 4
Radome Material PVC
RF Connector Interface 4.3-10 Female

Dimensions

Width 326 mm | 12.835 in
Depth 116 mm | 4.567 in
Length 491 mm | 19.331 in

Electrical Specifications

Impedance 50 ohm
Lightning Protection dc Ground

CMAX-DMW3060-43153

Operating Frequency Band 1695 – 2700 MHz | 3300 – 3800 MHz | 4900 – 6000 MHz

Electrical Note Values typical, unless otherwise stated

Electrical Specifications

Frequency Band, MHz	1695–2200	2200–2700	3300–3800	4900–6000
Gain, dBi	10.8	11.5	10.3	10.3
Beamwidth, Horizontal, degrees	34	27	32	28
Beamwidth, Vertical, degrees	67	66	61	64
Horizontal Sidelobe, dB	20	18	17	15
Front-to-Back Ratio at 180°, dB	20	20	18	15
Isolation, Cross Polarization, dB	20	20	20	25
VSWR Return loss, dB	1.6 12.7	1.6 12.7	1.7 11.7	1.7 11.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	
Input Power per Port, maximum, watts	100	100	100	100

Mechanical Specifications

Wind Loading @ Velocity, maximum 686.0 N @ 216 km/h (154.2 lbf @ 216 km/h)

Environmental Specifications

Operating Temperature -40 °C to +60 °C (-40 °F to +140 °F)

Relative Humidity Up to 100%

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

Packaging and Weights

Height, packed 505 mm | 19.882 in

Width, packed 200 mm | 7.874 in

Length, packed 530 mm | 20.866 in

Included Mounting bracket

Net Weight, with mounting kit 6.7 kg | 14.771 lb

Packaging quantity 1

Weight, gross 8.4 kg | 18.519 lb

Weight, net 4.8 kg | 10.582 lb

Regulatory Compliance/Certifications

CMAX-DMW3060-43153

Agency**Classification**

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant

