

CMAX-O-UW-153

Cell-Max™ Low PIM Omni In-building Antenna, 617–6000 MHz
(Recessed ceiling mount kit PN:7760591 sold separately)



OBSOLETE

This product was discontinued on: July 30, 2022

Replaced By:

CMAX-O-43-UW-153 Cell-Max™ Low PIM Omni In-building Antenna, 617–6000 MHz (Recessed ceiling mount kit PN: 7760591 sold separately)

Product Classification

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

General Specifications

Application Indoor
Antenna Type Omni
Antenna Array Characteristic SISO
Polarization Vertical
Color White (RAL 9016)
Mounting Thru-hole ceiling mount (optional)
Number of Ports 1
Pigtail Cable 670-141SXE, plenum rated
Radome Material ASA+PC, UV stabilized
RF Connector Interface N Female

Dimensions

Height 82 mm | 3.228 in
Pigtail Length 500 mm | 19.685 in

CMAX-0-UW-153

Outer Diameter 206 mm | 8.11 in

Electrical Specifications

Electrical Note Values typical, unless otherwise stated

Impedance 50 ohm

Operating Frequency Band 1400 – 1600 MHz | 1710 – 2700 MHz | 3300 – 3800 MHz | 5150 – 5925 MHz | 617 – 698 MHz | 698 – 960 MHz

Electrical Specifications

Frequency Band, MHz	617–698	698–960	1400–1600	1710–2700	3300–3800	5150–5925
Gain, dBi	2.1	2.1	3	4	4.3	5.4
Beamwidth, Horizontal, degrees	360	360	360	360	360	360
VSWR Return loss, dB	1.7 11.7	1.5 14.0	1.7 11.7	1.5 14.0	1.6 12.7	1.6 12.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	
Input Power per Port, maximum, watts	100	100	100	100	100	100

Environmental Specifications

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

Relative Humidity Up to 100%

Packaging and Weights

Height, packed 210 mm | 8.268 in

Width, packed 190 mm | 7.48 in

Length, packed 210 mm | 8.268 in

Packaging quantity 1

Weight, gross 0.6 kg | 1.323 lb

Weight, net 0.4 kg | 0.882 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system

