CMAX-OUS-43-I53



Cell-Max™ Low PIM Omni In-building Antenna, 698–960 MHz, 1695–2700 MHz and 3300-4200 MHz 4.3-10. Not Recommended for metal ceilings.

Product Classification

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

General Specifications

Application	Indoor
Antenna Type	Omni
Antenna Array Characteristic	SISO
Polarization	Horizontal
Color	White
Mounting	Thru-hole ceiling mount (optional)
Mounting Note	For antenna installation on metal ceilings, please contact your local ANDREW representative
Number of Ports	1
Pigtail Cable	670-141SXE, plenum rated
Radome Material	ASA+PC, UV stabilized
RF Connector Interface	4.3-10 Female

Dimensions

Height	18 mm | 0.709 in
Pigtail Length	400 mm | 15.748 in
Outer Diameter	308 mm | 12.126 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2700 MHz | 3300 – 4200 MHz | 698 – 960 MHz
Electrical Note	Values typical, unless otherwise stated

Electrical Specifications

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Revised: December 3, 2025

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Frequency Band, MHz	698–800	800–960	1695–2180	2200–2700	3300–4200
Gain, dBi	1.5	2.2	3.5	3.7	4
Beamwidth, Horizontal, degrees	360	360	360	360	360
VSWR | Return loss, dB	1.6 | 12.7	1.6 | 12.7	1.6 | 12.7	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	50	50	50	50	50

Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%

Packaging and Weights

Width, packed	320 mm | 12.598 in
Depth, packed	110 mm | 4.331 in
Length, packed	330 mm | 12.992 in
Packaging quantity	1
Weight, gross	1.1 kg | 2.425 lb
Weight, net	0.8 kg | 1.764 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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