

CELLMAX-O-43-WI



Cell-Max™ Omni In-building Antenna, 698–960 MHz ,1695–2700 MHz and 3100-4200MHz

- This product is part of the CommScope Wired for Wireless® Solution

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	4.3-10 Female

Dimensions

Height	85 mm 3.346 in
Pigtail Length	500 mm 19.685 in
Outer Diameter	186 mm 7.323 in

Electrical Specifications

Electrical Note	Values typical, unless otherwise stated
Impedance	50 ohm
Operating Frequency Band	1710 – 2700 MHz 3100 – 4200 MHz 698 – 960 MHz

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Electrical Specifications

Frequency Band, MHz	698–960	1695–2700	3100–4200
Gain, dBi	2.5	5.8	7.1
Beamwidth, Horizontal, degrees	360	360	360
VSWR Return loss, dB	1.6 12.7	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-140	-140	-140
Input Power per Port, maximum, watts	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	135 mm 5.315 in
Width, packed	195 mm 7.677 in
Length, packed	195 mm 7.677 in
Packaging quantity	1
Weight, gross	0.4 kg 0.882 lb
Weight, net	0.3 kg 0.661 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ROHS	Compliant

