

CMAX-0US1-UW43-153



Cell-Max™ Low PIM Omni In-building Antenna, 617-960, 1400-1600, 1695-2700 MHz, 3300-4200 MHz and 4900-6000MHz 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
Polarization Horizontal
Color White
Mounting Thru-hole ceiling mount (optional)
Mounting Note For antenna installation on metal ceilings, please contact your local CommScope representative
Radome Material ABS
RF Connector Interface 4.3-10 Female

Dimensions

Height 18 mm | 0.709 in
Outer Diameter 220 mm | 8.661 in

Electrical Specifications

Impedance 50 ohm
Operating Frequency Band 1400 – 1500 MHz | 1695 – 2700 MHz | 3300 – 4200 MHz | 4900 – 6000 MHz | 617 – 698 MHz | 698 – 960 MHz
Electrical Note Values typical, unless otherwise stated

Electrical Specifications

Frequency Band, MHz	617–698	698–960	1400–1500	1695–2700	3300–4200	4900–6000
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Gain, dBi	4.6	4.8	5.4	5.5	5.5	5.4
Beamwidth, Horizontal, degrees	360	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	1.6 12.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-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	93 mm 3.661 in
Depth, packed	227 mm 8.937 in
Length, packed	225 mm 8.858 in
Packaging quantity	1
Weight, gross	0.46 kg 1.014 lb
Weight, net	0.3 kg 0.661 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ROHS	Compliant

