

Product Specifications



CELLMAX-O-25

Cell-Max™ Omnidirectional In-building Antenna, 806–960 MHz and 1710–2700 MHz



CHARACTERISTICS

General Specifications

Antenna Type	Omnidirectional
Operating Frequency Band	1710 – 2700 MHz 806 – 960 MHz
Brand	Cell-Max™
Color	White
Interface	N Female
Package Quantity	1
Pigtail Cable	RG58, plenum rated
Radome Color	White
Radome Material	ABS, UV resistant

Electrical Specifications

Operating Frequency Band	806 – 960 MHz
Beamwidth, Horizontal	360° omnidirectional
Beamwidth, Vertical	100° nominal
Gain at Frequency Band	3.0 dBi @ 806–960 MHz
Impedance	50 ohm
Input Power, maximum	50 W
Polarization	Vertical
Return Loss	12.0 dB
VSWR	1.6:1

Electrical Specifications (Band 2)

Operating Frequency Band	1710 – 2700 MHz
Beamwidth, Horizontal	360° omnidirectional

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Beamwidth, Vertical	100° nominal
Gain at Frequency Band	3.0 dBi @ 1710–2700 MHz
Return Loss at Frequency Band	10.0 dB @ 2500–2700 MHz 12.0 dB @ 1710–2500 MHz
VSWR	1.6:1 @ 1710–2500 MHz 1.9:1 @ 2500–2700 MHz

Mechanical Specifications

Mounting	Thru-hole ceiling mount (optional)
Pigtail Length	254.0 mm 10.0 in

Environmental Specifications

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

Dimensions

Diameter, maximum	165.00 mm 6.50 in
Height	85.00 mm 3.35 in
Length	165.00 mm 6.50 in
Net Weight	0.30 kg 0.66 lb
Width	165.00 mm 6.50 in

Packed Dimensions

Height	150.0 mm 5.9 in
Length	180.0 mm 7.1 in
Shipping Weight	0.42 kg 0.93 lb
Volume	0.0049 m ³
Width	180.0 mm 7.1 in

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



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