

CELLMAX-DMF-CPUSE



Directional MIMO In-Building Antenna, 698–960 MHz and 1710–2700 MHz

OBSOLETE

This product was discontinued on: July 15, 2016

Product Classification

Product Type In-building antenna

General Specifications

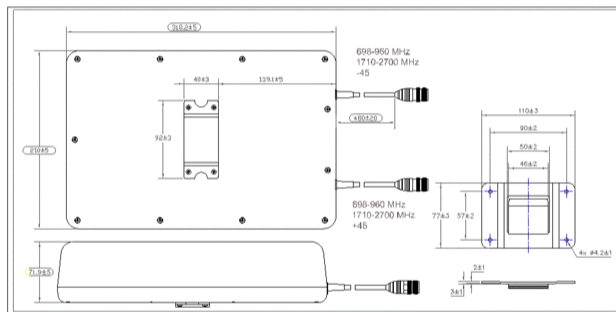
Application Indoor
Antenna Type Directional
Polarization $\pm 45^\circ$
Color White
Number of Ports 2
Pigtail Cable 670-141SXE, plenum rated
Radome Material ABS, UV resistant
RF Connector Interface N Female

Dimensions

Width 210 mm | 8.268 in
Length 318 mm | 12.52 in
Pigtail Length 450 mm | 17.717 in
Depth 72 mm | 2.835 in

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Outline Drawing



Electrical Specifications

Impedance 50 ohm

Electrical Specifications

Frequency Band, MHz	698–800	800–960	1710–2700
Gain, dBi	6.1	7	7.9
Beamwidth, Horizontal, degrees	80	68	71
Beamwidth, Vertical, degrees	70	62	62
Front-to-Back Ratio at 180°, dB	16	18	25
Isolation, Cross Polarization, dB	22	22	22
VSWR Return loss, dB	1.8 10.9	1.8 10.9	1.7 11.7

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Input Power per Port, maximum, watts	100	100	100
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Environmental Specifications

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

Relative Humidity Up to 100%

Packaging and Weights

Width, packed 225 mm | 8.858 in

Depth, packed 90 mm | 3.543 in

Length, packed 405 mm | 15.945 in

Included Mounting bracket

Weight, gross 1.3 kg | 2.866 lb

Weight, net 1 kg | 2.205 lb