

# CELLMAX-D-43-WI



Low PIM Directional In-building Antenna, 698–960 MHz, 1710–2700, 3300–3800MHz

## Product Classification

**Product Type** In-building antenna

## General Specifications

**Application** Indoor/Outdoor  
**Antenna Type** Directional  
**Polarization** Vertical  
**Color** White  
**Mounting** 4-hole wall mounting plate and hardware (included)  
**Number of Ports** 1  
**Pigtail Cable** 670-141SXE, plenum rated  
**Radome Material** ASA+PC, UV stabilized  
**RF Connector Interface** 4.3-10 Female

## Dimensions

**Width** 170 mm | 6.693 in  
**Depth** 60 mm | 2.362 in  
**Length** 180 mm | 7.087 in  
**Pigtail Length** 300 mm | 11.811 in

## Electrical Specifications

**Impedance** 50 ohm  
**Operating Frequency Band** 1710 – 2700 MHz | 3300 – 3800 MHz | 698 – 960 MHz  
**Electrical Note** Values typical, unless otherwise stated

## Electrical Specifications

Frequency Band, MHz	698–960	1710–2700	3300–3800
Gain, dBi	6.6	7.9	6.9

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<b>Beamwidth, Horizontal, degrees</b>	85	64	34
<b>Beamwidth, Vertical, degrees</b>	73	65	39
<b>VSWR   Return loss, dB</b>	1.7 11.7	1.7 11.7	1.7 11.7
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-150	-150	-150
<b>Input Power per Port, maximum, watts</b>	100	100	100

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Relative Humidity</b>	Up to 100%
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP55

## Packaging and Weights

<b>Width, packed</b>	170 mm   6.693 in
<b>Depth, packed</b>	75 mm   2.953 in
<b>Length, packed</b>	240 mm   9.449 in
<b>Net Weight, with mounting kit</b>	0.6 kg   1.323 lb
<b>Packaging quantity</b>	1
<b>Weight, net</b>	0.43 kg   0.948 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

