



NEW PRODUCT
ANNOUNCEMENT



CELLMAX-D-CPUS

The unobtrusive solution to enhancing your in-building wireless coverage.

Cell-Max™ Antennas

Directional In-Building Antennas for Wireless Applications

Andrew Corporation's Cell-Max™ series of in-building antennas are a uniquely effective and unobtrusive solution to enhancing your in-building wireless coverage.

Cell-Max Antennas feature a multiband design that allows a wide range of frequencies to be covered by one small antenna. Created primarily for office environments, Cell-Max Antennas are also ideally suited for parking garages, airports, shopping malls, and other difficult coverage areas.

Designed for simple installation and minimal visual impact, Cell-Max Antennas support both existing and future wireless applications.

An integral low-loss coaxial cable pigtail eliminates connectors, reducing overall system cost as well as the losses associated with connector junctions.

By combining Cell-Max Antennas with other in-building products such as the Britecell® Fiber Optic Distributed Antenna System, indoor repeaters, RADIAX® Radiating Coaxial Cables, coaxial cable taps, power dividers, and couplers, Andrew can provide a complete solution to your internal wireless coverage needs.

- Compact and visually unobtrusive
- Multiband to cover future 3G applications up to 2500 MHz
- VSWR of 1.5 dB typical
- Includes hardware for wall mounting; installs in minutes with standard tools

One Company. A World of Solutions.

SPECIFICATIONS

CELLMAX-D-CPUS Directional In-Building Antennas

Electrical

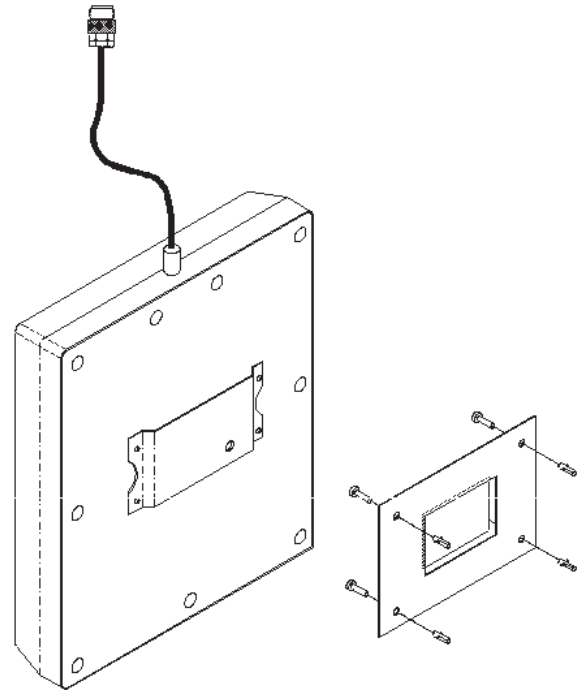
Part number	CELLMAX-D-CPUS
Frequency band, MHz	824-960/1710-2500
VSWR	1.5 typical
Gain, dBi	7
Aximuth beamwidth, degrees	85 nominal
Elevation beamwidth, degrees	75 nominal
Polarization type	Vertical
Impedance, ohms	50
Maximum input power, watts	50
Connector	N-female

Mechanical

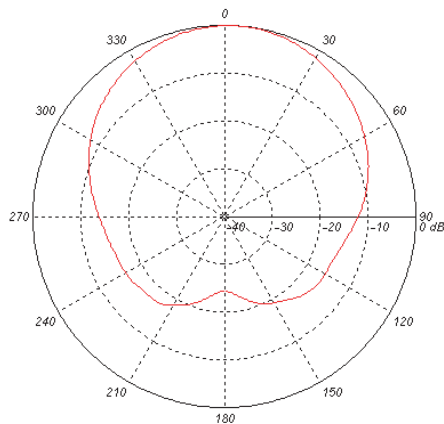
Dimensions, in (mm)	8.0 x 6.1 x 1.8 (203 x 156 x 46)
Weight, lb (kg)	1.1 (0.5)
Radome color	White
Radome material	UV-protected ABS
Pigtail cable	RG58
Pigtail length, in (mm)	14 (350)
Mounting	4-hole wall mount plate and hardware included

Environmental

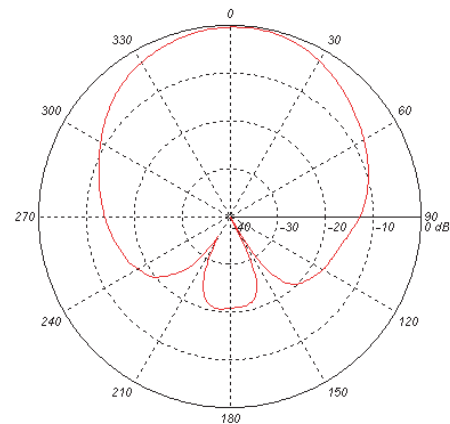
Temperature, °F (°C)	-22 to +158 (-30 to +70)
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Wall Mounting Configuration



Azimuth Pattern



Elevation Pattern



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