

new

product announcement

Cell-Max™

Omnidirectional 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 unique multi-banded 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 to 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, including 3G and 802.11b wireless LAN.

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 InCell™ fiber optic distributed antenna system, RADIAX® cable, indoor repeaters, coaxial taps, and accessories, Andrew can provide a complete solution to your internal wireless coverage needs.

Features

- Aesthetically pleasing: compact and visually unobtrusive
- Multi-banded to cover future 3G applications
- VSWR < 1.6 or better across all bands
- Installs easily in minutes with standard tools
- Part of a complete system solution
- Omnidirectional pattern provides flexibility in mounting locations



The unobtrusive solution to enhancing your in-building wireless coverage



ANDREW®

Connecting the Wireless World

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Specifications for Cell-Max™ Omnidirectional In-Building Antennas

Electrical

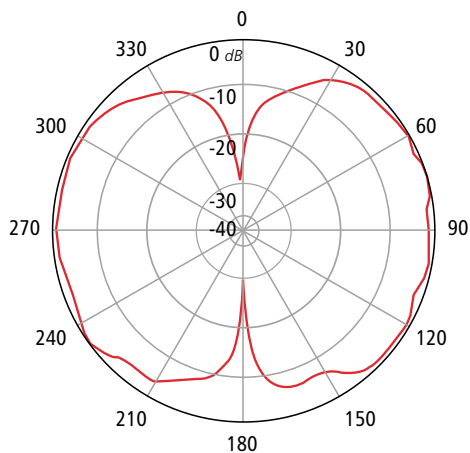
Part numbers	CELLMAX-0-25
Frequency band, MHz	806-960/1710-2500
VSWR	<1.6:1
Gain, (dBi)	3
Azimuth beamwidth, degrees	360, Omnidirectional
Polarization type	Vertical
Impedance, ohms	50
Maximum input power, watts	50
Connector	N-Female

Mechanical

Dimensions, Height x Diameter, in (mm)	3.3 (85) x 6.5 (165)
Weight, lb (kg)	0.7 (0.3)
Radome color	White
Pigtail length, in (mm)	10 (254)

Environmental

Temperature range, F° (C°)	-40 to +140° (-40 to +60°)
Humidity	Up to 100%



Elevation



Coaxial cable jumper reduces loss associated with connector junctions.

**ANDREW®****Connecting the Wireless World**

Andrew Corporation
10500 W. 153rd Street
Orland Park, IL 60462 USA

Customer Support Center

From North America:
Telephone: 1-800-255-1479
Fax: 1-800-349-5444

International:
Telephone: +1-708-873-2307
Fax: +1-708-349-5444

Internet

www.andrew.com

Fax-On-Demand

From North America:
1-800-861-1700

International:
+1-708-873-3614

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