



global solutions :
local support™

Ultrasphere In-Building Wireless Antenna -

AMPS/GSM & PCS/DCS/UMTS & ISM (BT 802.11b/g)

The Ultrasphere in-building wireless antenna is so surprisingly small in size that it can be hidden almost anywhere, providing an invisible solution for many applications.

The omnidirectional pattern is suited to a variety of uses such as in-building systems or other applications where mobility is a factor.

The field pattern is toroidal, providing omnidirectional coverage in any plane around the long axis of the antenna, and two lobes in any plane parallel to the long axis.

Features and Benefits:

- So small it can be hidden almost anywhere
- Omnidirectional coverage
- Dimensions are 179.2 x 80.4 x 1.70 mm

Applications:

- Wireless networks
- Wireless computer networks
- Wireless hand-held devices

For sales information:

In Asia, please telephone +86-10-67-87-33-11

In Europe, please telephone +46-8-55-5-722-00

In the USA please telephone +800-228-4563

or visit: www.lairdtech.com



Ultrasphere

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Specifications:

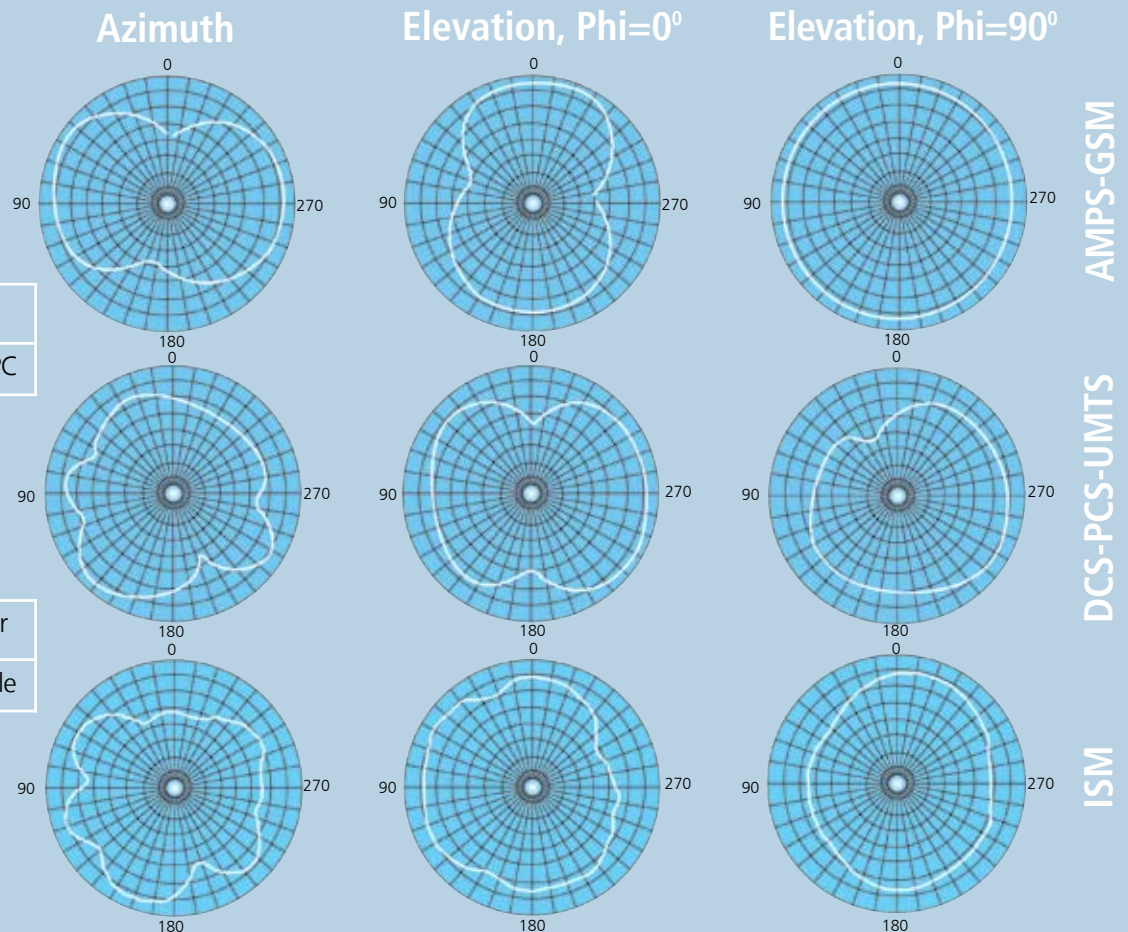
	AMPS	GSM	PCS	DCS	UMTS	ISM (BT)
Frequency Ranges (MHz)	806-896	880-960	1850-1990	1710-1880	1920-2170	2400-2500
Peak Gain (Max)	1.8 dBi	1.6 dBi	3.6 dBi	2.2 dBi	2.9 dBi	2.4 dBi
Polarization	Linear					
Impedance	50 ohms					
Input Power	50 watts					
Input Connection	SMA Female					
VSWR (Min performance)	AMPS/GSM < 2.5:1		All Other Bands <2:1			
Dimensions (LxW)	179.2 x 80.4mm					

Environmental:

Coating	Acrylic
Temperature Range	-40°C to 85°C

Cables and Connectors:

Part Number	Connector
CAF94895	SMA-Female



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