



RF COMPONENTS

Planus Antenna

Compact
Omni-directional
Multi-band



Antenna System for Successful Wireless Deployment

The number of mobile subscribers and wireless network applications have increased the need for antenna systems that provide considerable gain over traditional dipole antennas.

Planus Antenna offers telecommunication operators and property owners a single solution for all of their wireless voice and data applications. The compact, omni-directional antenna provides reliable, widespread coverage for wireless data and multi-media applications for in-building communication.

Features

The Compact size can be hidden almost anywhere, providing an invisible solution for many applications.

The omni-directional pattern is suited to a variety of uses including in-building systems or other applications where mobility is a factor.

The toroidal field pattern provides omni-directional coverage in any plane around the long axis of the antenna, and two lobes in any plane parallel to the long axis.

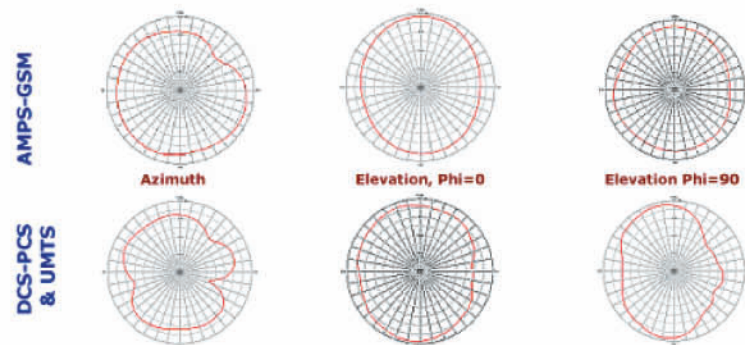
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Specifications

Planus Antenna	
Element Type	Microstrip
Frequency Range	AMPS 806-896 MHz GSM 880-960 MHz DCS 1710-1880 MHz PCS 1850-1990 MHz UMTS 1920-2170 MHz
Peak gain	3 dBi
Polarization	Linear
Impedance	50 ohms
Maximum Input Power	50 watts
VSWR (Min. Performance)	2:1
Dimensions (L x W x T)	11.2 x 13.8 x .25cm
Coating	Acrylic
Operating / Storage Temperature	-40C° to +70C°

Patterns



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