

Microstrip Patch Antennas A Designers Guide



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Design parameters and tradeoffs are presented for microstrip antennas. As an example, the size must increase to have it work at lower frequencies. The permittivity should be low for large bandwidth but high to make the patch antenna smaller.

Antenna-Theory.com - Rectangular Microstrip (Patch ...

Shorting pins used in patch antennas are discussed. These can add a design parameter or degree of freedom that allows the performance to be tuned. The PIFA (Planar Inverted F Antenna) is discussed.

PIFA - Planar Inverted-F Antennas - Antenna Theory

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Antennas - 3D Glass Solutions

Neugebauer says that modern wireless products depend largely on internal antennas, which come with a micro coaxial cable leading to the respective plug. "These can be either embedded antennas, to solder on a PCB, or FPC, or cabled antennas, which can be fixed on the inside of a housing," he says.

The Connector World Embraces Antennas and Sensors ...

Antennas can be classified as omnidirectional, radiating energy approximately equally in all directions, or directional, where energy radiates more along one direction than others. (Antennas are reciprocal, so the same effect occurs for reception of radio waves.) A completely uniform omnidirectional antenna is not physically possible.

Antenna (radio) - Wikipedia

Matjaž Vidmar, S53MV. An accurate radio altimeter with a dual-channel (quadrature) homodyne receiver is presented in this article. This new design improves the accuracy while operating in the standard 4.3GHz radio-altimeter allocation.

Landing Radio Altimeter

All the Trimpack family were made under the Trimble Navigation Ltd. patent 4754465. Prior art GPS receivers did a lot more of the signal processing using analog electronics.

Trimble Trimpack Family of GPS receivers - PRC68.com

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