Abstract

This paper presents a printed anchor shaped antenna with a rectangular ground plane which belongs to the class of printed monopole antenna and is small (20. 25cm−2), compact, conformal and provides an ultra wide band performance giving very good omnidirectional radiation pattern similar to monopole antenna. It has an impedance bandwidth of more than 1:7 and a constant group delay over this range.

References

- C. T. P. Song, Peter S. Hall and Ho Ghafoori-Shiraz, "Shorted Fractal Sierpinski

- "Broadband Planar Antennas Design and Applications"; Zhi Ning Chen and Michael Y. W. Chia. John Wiley & Sons, Ltd.

**Index Terms**
- Computer Science
- Wireless Communications

**Keywords**
- Group Delay
- 3d Radiation Pattern
- Gain