

Antenna Handbook Vol 3 Antenna Applications

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Antenna Handbook Vol 3 Antenna Applications

Technology has advanced to such a degree over the last decade that it has been almost impossible to find up-to-date coverage of antennas. Antenna Handbook, edited by two of the world's most distinguished antenna specialists, presents the most advanced antenna theory and designs and demonstrates their application in a wide variety of technical fields.

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Appendix B: Array Processing Literature

3-1.2 Figure 2. Antenna Gain Figure 3. Antenna Beamwidth Where $D(2,N)$ is the directivity in dB, and the radiation pattern power in a specific direction is $P_d(2,N)$, which is normalized by the total integrated radiated power. Another important concept is that when the angle in which the radiation is constrained is reduced, the directive gain ...

ANTENNA INTRODUCTION / BASICS Rules of Thumb

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Practical Antenna Handbook - Apparently Apparel

The length of the antenna, from equation 3 is $9.48 \text{ ft} \times 0.965 = 9 \text{ ft } 5\frac{3}{4}\text{ inches}$. The answer is obtained directly in inches by substitution in equation 4 $113.7 \text{ inches} \times 0.965 = 109.5 \text{ inches}$. The length of a half-wave antenna is also affected by the proximity of the dipole ends to nearby conductive and semiconductive objects.

Antennas & Projects 20

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1 Elliot R. S. Antenna Theory and Design 1981 New York, NY, USA Prentice-Hall 2 Lo Y. T. Lee S. W. Antenna Handbook Vol 3: Antenna Applications 1993 New York, NY, USA Chapman & Hall 3 Elliott R. S.

1. Introduction

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