

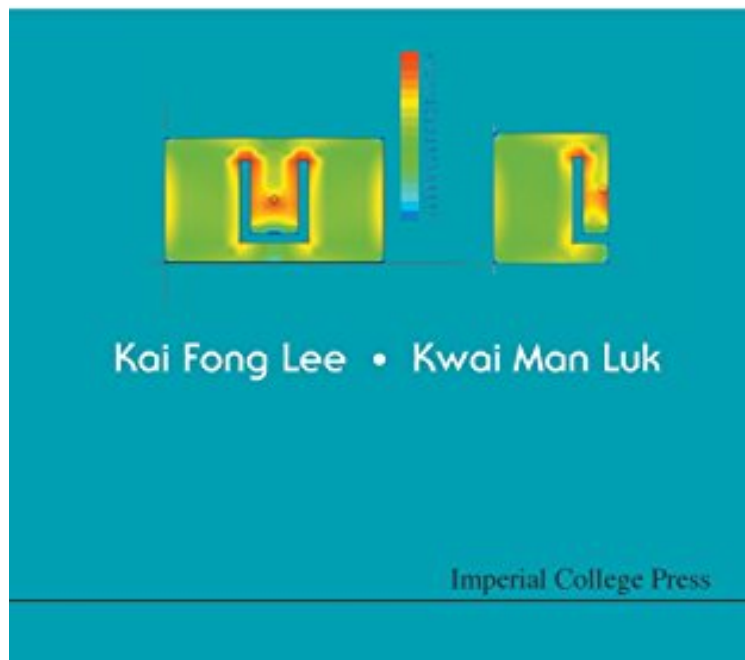
[Download] Microstrip Patch Antennas

## Microstrip Patch Antennas


*Kai Fong Lee, Kwai Man Luk*

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# Microstrip Patch Antennas



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#3230224 in Books Imperial College Press 2010-09-03 Original language: English PDF # 1 9.10 x 1.30 x 6.10l, 2.05 #File Name: 184816453X544 pages | File size: 41.Mb

**Kai Fong Lee, Kwai Man Luk : Microstrip Patch Antennas** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Microstrip Patch Antennas:

0 of 0 people found the following review helpful. A Good Catch that would act as a map and a guide By Shayban This is a very interesting 17 chapter book, runs some theory and concept in the chapters 1 till 8. Doesn't cover the microstrip approach towards building the patch antenna, not that it has any significance, but just to point out. Why I thought it is a

good read and investment? It shows characteristic curves for many type of microstrip antennas. Sometimes, you get stuck on identifying simulation is running up to specifications, and if you supposedly have not done a mistake in the simulation setup, the only way you are going to find out is if you have a guide to show you how these graphs are supposed to look like. I can point to any antenna setup and say this is how the simulation output should look like which is quite advantageous.

Microstrip patch antennas have become the favorite of antenna designers because of its versatility and advantages of planar profile, ease of fabrication, compatibility with integrated circuit technology, and conformability with a shaped surface. As there is currently an urgent need for graduate students and practicing engineers to gain an in-depth understanding of this subject, this book was written with this purpose in mind. The authors are IEEE Fellows who have made significant contributions to their fields of expertise. Professor K F Lee was the recipient of the 2009 John Kraus Antenna Award of the IEEE Antennas and Propagation Society.

With problems at the end of each chapter and many references, this book on MPA is an outstanding textbook for a graduate course or as a self-study guide for the practicing engineer. It will not only give the reader a firm understanding of the fundamentals of MPAs but will also provide the necessary tools for designing and optimizing MPAs. Anyone who designs MPAs or wants to learn about them needs to get a copy of this book. -- IEEE Electrical Insulation Magazine "IEEE Electrical Insulation Magazine" From the Inside Flap

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About the Author Kai Fong Lee received his PhD degree from Cornell University. He is Professor of Electrical Engineering at the University of Mississippi, where he served as Dean of Engineering from 2001 to 2009. He was the founding head of the Department of Electronic Engineering at City University of Hong Kong. An IEEE Fellow, he was the recipient of the 2009 John Kraus Antenna Award of the IEEE Antennas and Propagation Society for exceptional contributions to the field of antennas. He invented the wideband U-slot patch antenna and expanded the U-slot technique to small size, dual/triple band, and circular polarization applications.

Professor Kwai-Man Luk received the BSc (Eng.) and PhD from The University of Hong Kong. He is Director of the State Key Laboratory of Millimeter Waves at the City University of Hong Kong. He is the author of over 260 journal papers with over 2000 citations. He was awarded over 12 patents on the designs of various printed antennas. He is the Deputy Editor in-Chief of the Journal of Electromagnetic Waves and Applications. He was a member of the Scientific Board, EC Network of Excellence in Antennas, Europe. Professor Luk is a Fellow of the Institute of Electrical and Electronics Engineers, Inc.