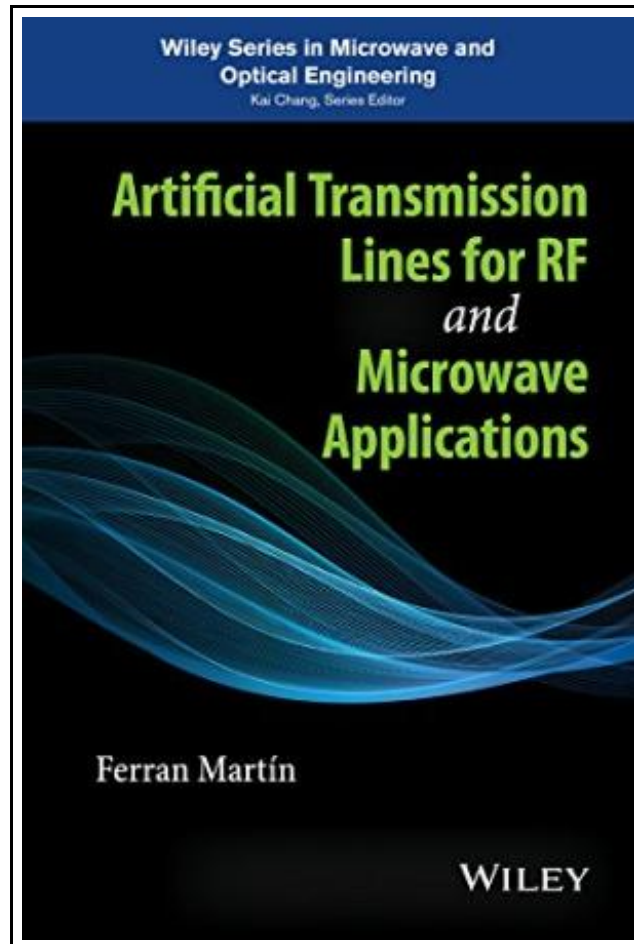


## Artificial Transmission Lines for RF and Microwave Applications (Hardback)



Filesize: 1.96 MB

### ***Reviews***

*This kind of pdf is every little thing and made me seeking ahead of time plus more. It generally will not price excessive. You will not truly feel monotony at anytime of the time (that's what catalogues are for concerning should you request me).*

*(Dr. Rosie Kuphal)*

## ARTIFICIAL TRANSMISSION LINES FOR RF AND MICROWAVE APPLICATIONS (HARDBACK)

DOWNLOAD



To read **Artificial Transmission Lines for RF and Microwave Applications (Hardback)** PDF, remember to follow the link under and save the ebook or get access to additional information which are have conjunction with **ARTIFICIAL TRANSMISSION LINES FOR RF AND MICROWAVE APPLICATIONS (HARDBACK)** ebook.

John Wiley Sons Inc, United States, 2015. Hardback. Book Condition: New. 250 x 150 mm. Language: English . Brand New Book. This book presents and discusses alternatives to ordinary transmission lines for the design and implementation of advanced RF/microwave components in planar technology. This book is devoted to the analysis, study and applications of artificial transmission lines mostly implemented by means of a host line conveniently modified (e.g., with modulation of transverse dimensions, with etched patterns in the metallic layers, etc.) or with reactive loading, in order to achieve novel device functionalities, superior performance, and/or reduced size. The author begins with an introductory chapter dedicated to the fundamentals of planar transmission lines. Chapter 2 is focused on artificial transmission lines based on periodic structures (including non-uniform transmission lines and reactively-loaded lines), and provides a comprehensive analysis of the coupled mode theory. Chapters 3 and 4 are dedicated to artificial transmission lines inspired by metamaterials, or based on metamaterial concepts. These chapters include the main practical implementations of such lines and their circuit models, and a wide overview of their RF/microwave applications (including passive and active circuits and antennas). Chapter 5 focuses on reconfigurable devices based on tunable artificial lines, and on non-linear transmission lines. The chapter also introduces several materials and components to achieve tuning, including diode varactors, RF-MEMS, ferroelectrics, and liquid crystals. Finally, Chapter 6 covers other advanced transmission lines and wave guiding structures, such as electroinductive-/magnetoinductive-wave lines, common-mode suppressed balanced lines, lattice-network artificial lines, and substrate integrated waveguides. **Artificial Transmission Lines for RF and Microwave Applications** provides an in-depth analysis and discussion of artificial transmission lines, including design guidelines that can be useful to researchers, engineers and students.



[Read Artificial Transmission Lines for RF and Microwave Applications \(Hardback\) Online](#)



[Download PDF Artificial Transmission Lines for RF and Microwave Applications \(Hardback\)](#)



[Download ePub Artificial Transmission Lines for RF and Microwave Applications \(Hardback\)](#)

## Relevant Kindle Books

---



[PDF] **Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Click the web link below to download "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." document.

[Download Document »](#)

---



[PDF] **Eat Your Green Beans, Now! Second Edition: Full-Color Illustrations. Adorable Rhyming Book for Ages 5-8. Bedtime Story for Boys and Girls.**

Click the web link below to download "Eat Your Green Beans, Now! Second Edition: Full-Color Illustrations. Adorable Rhyming Book for Ages 5-8. Bedtime Story for Boys and Girls." document.

[Download Document »](#)

---



[PDF] **Give Thanks: Thanksgiving Stories, Jokes for Kids, and Thanksgiving Coloring Book!**

Click the web link below to download "Give Thanks: Thanksgiving Stories, Jokes for Kids, and Thanksgiving Coloring Book!" document.

[Download Document »](#)

---



[PDF] **Educating Young Children : Active Learning Practices for Preschool and Child Care Programs**

Click the web link below to download "Educating Young Children : Active Learning Practices for Preschool and Child Care Programs" document.

[Download Document »](#)

---



[PDF] **Brown Paper Preschool: Pint-Size Science : Finding-Out Fun for You and Young Child**

Click the web link below to download "Brown Paper Preschool: Pint-Size Science : Finding-Out Fun for You and Young Child" document.

[Download Document »](#)

---



[PDF] **Music for Children with Hearing Loss: A Resource for Parents and Teachers**

Click the web link below to download "Music for Children with Hearing Loss: A Resource for Parents and Teachers" document.

[Download Document »](#)



**[PDF] My Garden / Mi Jardin (English and Spanish Edition)**

Access the hyperlink listed below to download "My Garden / Mi Jardin (English and Spanish Edition)" PDF document.

[Save ePub »](#)



**[PDF] Baby Songs and Lullabies for Beginning Guitar Book/online audio(String Letter Publishing) (Acoustic Guitar) (Private Lessons)**

Access the hyperlink listed below to download "Baby Songs and Lullabies for Beginning Guitar Book/online audio(String Letter Publishing) (Acoustic Guitar) (Private Lessons)" PDF document.

[Save ePub »](#)



**[PDF] Organically Raised Conscious Cooking for Babies and Toddlers by Shante Lanay and Anni Daulter 2010 Paperback**

Access the hyperlink listed below to download "Organically Raised Conscious Cooking for Babies and Toddlers by Shante Lanay and Anni Daulter 2010 Paperback" PDF document.

[Save ePub »](#)



**[PDF] The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)**

Access the hyperlink listed below to download "The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)" PDF document.

[Save ePub »](#)



**[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (Hardback)**

Access the hyperlink listed below to download "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (Hardback)" PDF document.

[Save ePub »](#)



**[PDF] Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large**

Access the hyperlink listed below to download "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" PDF document.

[Save ePub »](#)