



[DOWNLOAD PDF](#)

Arrays of Cylindrical Dipoles (Paperback)

By R. W. P. King

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2009. Paperback. Book Condition: New. 228 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. In this book, first published in 1968, King and his co-authors develop a theory of the behaviour of arrays of rod-shaped antennas such as are used to achieve directive transmission and reception of radio waves for use in communication between points on the earth, between the earth and a space vehicle, or in radio astronomy. They use quantitative analysis of arrays of practical types and wide range of lengths over a wide frequency band, which makes possible the design of new arrays with desired characteristics. After the introductory chapter reviewing the foundations and conventions antenna theory, each subsequent chapter takes into account the authors own particular theories on isolated antennas, two-coupled antennas, N-element circular array, N-element curtain array of identical elements, to arrays containing elements of different lengths and finally to planar and three-dimensional arrays. The final chapter is concerned with problems of measurement and the correlation of theory with experiment.



[READ ONLINE](#)

[5.16 MB]

Reviews

The publication is great and fantastic. I actually have read through and i am sure that i am going to planning to go through yet again yet again down the road. I realized this pdf from my dad and i encouraged this publication to understand.

-- **Jamarcus Runolfsson**

This published book is wonderful. It is one of the most incredible book we have go through. I realized this pdf from my i and dad advised this book to learn.

-- **Felicia Heidenreich**