



# Electronic Communication Systems

*By Roy Blake*

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## Electronic Communication Systems By Roy Blake

Now in its second edition, *Electronic Communications Systems* provides electronics technologists with an extraordinarily complete, accurate, and timely introduction to all of the state-of-the-art technologies used in the communications field today. Comprehensive coverage includes traditional analog systems, as well as modern digital techniques. Extensive discussion of today's modern wireless systems- including cellular, radio, paging systems, and wireless data networks- is also included. In addition, sections on data communication and the internet, high-definition television, and fiber optics have been updated in this edition to enable readers to keep pace with the latest technological advancements. A block-diagram approach is emphasized throughout the book, with circuits included when helpful to lead readers to an understanding of fundamental principles. Instructive, step-by-step examples using MultiSIM, in addition to those that use actual equipment and current manufacturer's specifications, are also included. Knowledge of basic algebra and trigonometry is assumed, yet no calculus is required.

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