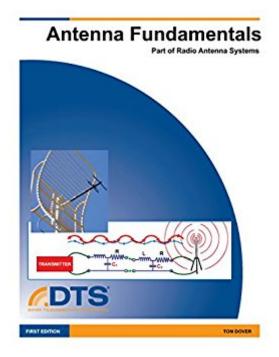
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Antenna Fundamentals- Module 4: Radio Antenna Systems -





Synopsis

This Manual is module 4 of the DTS Radio Antenna Systems course. You will move from transmission lines and add antennas as part of the network. This module introduces the isotopic radiator as the ideal antenna and then moves to the di-pole antenna as the practical device. The core elements and how antennas work are covered at the technician level. This manual does not go into antenna design, engineering or manufacturing. This manual (module) defines common antenna types and their relationship to the Dipole Antenna. Microwave and parabolic antennas are discussed including beam width and polarization. Antenna gain, beam-width and bandwidth will be emphasized to ensure the student has a clear understanding of how and what is taking place with an antenna. This material is available as an on-line course.

Book Information

File Size: 3946 KB Print Length: 87 pages Publisher: Dover Telecommunication Services; 1 edition (July 6, 2015) Publication Date: July 6, 2015 Sold by: Â Digital Services LLC Language: English ASIN: B0115KNTJW Text-to-Speech: Enabled X-Ray: Not Enabled Word Wise: Enabled Lending: Not Enabled Enhanced Typesetting: Enabled Best Sellers Rank: #242,530 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #9 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Antennas #33 in Books > Education & Teaching > Higher & Continuing Education > Vocational #142 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Telecommunications

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