



Design and Development of Compact Coplanar Waveguide Fed Antennas

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LAP Lambert Academic Publishing Okt 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x16 mm. This item is printed on demand - Print on Demand Neuware - Various compact coplanar waveguide fed planar antennas are proposed by modifying the transmission line parameters. A quad band antenna suitable for wireless application is demonstrated. This uniplanar compact antenna is operating in GSM 900, DCS 1800, IEEE802.11.a, IEEE802.11.b and HiperLAN-2 bands with nearly omnidirectional radiation pattern. A harmonic suppressed antenna is also presented in this book. This antenna is operating in a single mode(2.4GHz) up to 10GHz. This may find good application in Wireless LAN. Compact dual band and single band antennas with excellent radiation characteristics are also included. Evolution of each antennas are clearly explained with complete parametric analysis. 260 pp. Englisch.



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