

# Abstracts

## Design of a Dual Dielectric Rod-Antenna System

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*M. Aubrion, A. Larminat, B. Chan and H. Baudrand. "Design of a Dual Dielectric Rod-Antenna System." 1993 *Microwave and Guided Wave Letters* 3.8 (Aug. 1993 [MGWL]): 276-277.*

A method is proposed for calculating the coupling coefficient between two dielectric antennas. The numerical solution is carried out by means of the full-wave analysis of the cascaded dielectric waveguides which represent the antenna. The obtained results for the coupling coefficient are in good agreement with the available experimental data. Moreover, the radiation patterns are calculated and presented.

[Return to main document.](#)