

# Abstracts

## Full-Wave Analysis of Strip Transmission Line on Circular Dielectric Rod

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*L. Zhu and E. Yamashita. "Full-Wave Analysis of Strip Transmission Line on Circular Dielectric Rod." 1992 *Microwave and Guided Wave Letters* 2.12 (Dec. 1992 [MGWL]): 478-479.*

Dispersion characteristics of the strip transmission line on a circular dielectric rod is investigated based on a full-wave analysis using the eigenfunction-weighted boundary integral equation method. Numerical results clearly demonstrate the usefulness of this method in finding propagation properties of the dominant mode and high-order modes, and variation of parameters with respect to the radius of the rod and the angle occupied by the strip conductor for a wide frequency range.

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