

Abstracts

Computer-Aided Design of Stripline Ferrite Junction Circulators (Short Papers)

Z. Uzdy. "Computer-Aided Design of Stripline Ferrite Junction Circulators (Short Papers)." 1980 *Transactions on Microwave Theory and Techniques* 28.10 (Oct. 1980 [T-MTT]): 1134-1136.

A general design procedure is presented for stripline Y-junction circulators employing solid dielectric between ground planes. The resonator design and impedance matching are derived in a form suitable for computer evaluation. The procedure is applicable to cases where either the circulator bandwidth or the ground plane spacing is specified. An experimental S-band switching circulator illustrates the technique.

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