

Abstracts

On Design of Coupled Microstrip Lines (Letters)

J.H. Hinton. "On Design of Coupled Microstrip Lines (Letters)." 1980 Transactions on Microwave Theory and Techniques 28.3 (Mar. 1980 [T-MTT]): 272-272.

The synthesis approach by Akhtarzad, Rowbotham, and Jones for coupled microstrip lines shows close agreement with the Bryant and Weiss results except for small W/H where the deviation is about 14 percent in computing $Z_{0\text{spl}}/\infty$. It is shown that the approach in [1] will produce close agreement with [2] for all W/H when Wheeler's formula for single microstrip line is incorporated in the synthesis procedure.

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