

Abstracts

A Note on the Synthesis of Coupled-Line Directional Couplers and All-Pass Networks (Correspondence)

W. Steenaart. "A Note on the Synthesis of Coupled-Line Directional Couplers and All-Pass Networks (Correspondence)." 1968 *Transactions on Microwave Theory and Techniques* 16.8 (Aug. 1968 [T-MTT]): 554-555.

A symmetrical homogeneous coupled transmission-line pair may be terminated as a directional coupler or as an all-pass section. A combination of several of these coupled-line elements in cascade, each of constant characteristic impedance, may be terminated in the same way, and the following remarks apply either to a single element or to a cascade of elements, not necessarily of equal length.

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