

Abstracts

Exact and Approximate Synthesis of TEM-Mode Transmission-Type Directional Filters

J.L.B. Walker. "Exact and Approximate Synthesis of TEM-Mode Transmission-Type Directional Filters." 1978 *Transactions on Microwave Theory and Techniques* 26.3 (Mar. 1978 [T-MTT]): 186-192.

An exact equivalent circuit is derived for TEM-mode transmission-type directional filters. An approximate synthesis technique is described which provides excellent results and which requires only the use of a hand-held electronic calculator to compute the element values. An exact synthesis technique is also described.

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