

Abstracts

Microstrip Tapped-Line Filter Design

J.S. Wong. "Microstrip Tapped-Line Filter Design." 1979 *Transactions on Microwave Theory and Techniques* 27.1 (Jan. 1979 [T-MTT]): 44-50.

The subject of this article is a step-by-step design procedure for microstrip tapped-line filters, accompanied by appropriate design curves. In addition to microstrip tapped-line interdigital filters, a new hairpin-line filter using tapping is introduced. The equation to equation the singly loaded Q for hairpin resonators produced by tapping is derived. Experimental data is presented for filters over 20-percent bandwidth.

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