

Abstracts

An Interdigitated 3-dB Coupler with Three Strips

V. Tulaja, B. Schiek and J. Kohler. "An Interdigitated 3-dB Coupler with Three Strips." 1978 *Transactions on Microwave Theory and Techniques* 26.9 (Sep. 1978 [T-MTT]): 643-645.

An interdigitated microstrip coupler on alumina substrate with three strips and two bond wires is described that provides an alternative to the four-strip Lange coupler. The useful coupling range is between 3 and 6 dB. Experimental results for a 3-dB coupler in the frequency range 4.5-9 GHz are presented together with theoretical results for 3-5-dB coupling.

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