

Abstracts

New Broad-Band 5-Section Microstrip-Line Directional Coupler

M. Nakajima, E. Yamashita and M. Asa. "New Broad-Band 5-Section Microstrip-Line Directional Coupler." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 383-386.

A new 2 to 18 GHz 6dB microstrip-line directional coupler has been realized using 3 semi-re-entrant tight-coupling sections implemented into 5 coupling sections formed on Teflon substrate. The measured coupling coefficient of this coupler is in good agreement with theoretical values.

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