

Abstracts

A New N-Way Broadband Planar Power Combiner/Divider

W. Yau, J.M. Schellenberg and Y.C. Shih. "A New N-Way Broadband Planar Power Combiner/Divider." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 147-149.

A new N-way broadband planar power combiner/ divider was developed for ultra-broadband MMIC applications utilizing Dolph-Tchebycheff transmission line taper. The combiner/divider demonstrated a 5 to 18 GHz bandwidth with an insertion loss of less than 0.2 dB and an input VSWR of no more than 1.35.

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