

# Abstracts

## A Broadband Planar N-Way Combiner/Divider

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*Z. Galani and S.J. Temple. "A Broadband Planar N-Way Combiner/Divider." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 499-502.*

The experimental and predicted performance of the new broadband planar N-way combiner/divider is presented. The advantage of this combiner/divider over those previously published is that it can be realized in a planar structure. Experimental data on the planar combiner/divider for  $N=4$  and  $N=7$  indicates an average isolation of 20 dB between the  $N$  ports from 8 to 12 GHz, and compares favorably with analytic predictions.

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