

Abstracts

A Compact Seven-Way Power Divider for Satellite Beam Forming Networks

S.C. Holme, V.E. Dunn and V. Jamnejad. "A Compact Seven-Way Power Divider for Satellite Beam Forming Networks." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 665-668.

A new seven-way power divider/combiner is described. This divider meets the physical and performance requirements needed to implement a novel beam forming network for a communication satellite. Theory, fabrication, and experimental results on two different realizations are presented.

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