

Abstracts

Broadbanding Techniques for TEM N-Way Power Dividers

A. Shor. "Broadbanding Techniques for TEM N-Way Power Dividers." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 657-659.

Broadband TEM power dividers have traditionally involved multisection or taper designs. However, compensation techniques may be used to achieve broadband designs with a single or fewer sections. The compensating elements may be either lumped or distributed. The suggested techniques involve the transmission lines, the isolation resistors. These principles will be implemented for several practical designs, including broadband lumped-element power dividers.

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