

Abstracts

A 2 - 18 GHz Travelling Wave Lossless Two-Port Combiner

D. Levy, A. Noblet and Y. Bender. "A 2 - 18 GHz Travelling Wave Lossless Two-Port Combiner." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 503-506.

An extension of traveling wave amplifiers is applied to a lossless 2 - 18 GHz two-port combiner, realized in hybrid microstrip technology. Its amplitude weighting capability allows its use in vector phase shifters for phased array applications; it enables also to realize a lossless n-port combiner by cascading several identical modules.

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