

Abstracts

N-Way Branch Line Directional Couplers

C.L. Chao. "N-Way Branch Line Directional Couplers." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 93-96.

This paper presents an N-way branch line coupler which is capable of splitting an input signal into N-way equal or unequal amplitude output signals. It consists of N parallel and $2(N-1)$ shunt quarter wavelength transmission lines and gives a reasonable isolation among output ports at the design center frequency.

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