

Abstracts

An Adjustable-Phase Power Divider

C.R. Boyd, Jr.. "An Adjustable-Phase Power Divider." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 735-738.

A ferrite phase shifter configuration is described, that is capable of coupling one input to two outputs with low insertion loss and arbitrary insertion phase. In planar phased-array antennas, this approach can provide reciprocal beam-forming with the number of phase shifters reduced to half the number of elements.

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