

Abstracts

A 4.5 to 18 GHz Phase Shifter

D.C. Boire, J.E. Degenford and M. Cohn. "A 4.5 to 18 GHz Phase Shifter." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 601-604.

This paper describes a wideband phase shifter suitable for hybrid and monolithic phased array modules. The phase shifter employs a 180° digital bit and one or two analog sections to obtain a full 360° phase shift range. The design of the phase shifter and experimental results are presented.

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