

Abstracts

A Novel MMIC, X-Band, Phase Shifter

K. Wilson, J.M.C. Nicholas and G. McDermott. "A Novel MMIC, X-Band, Phase Shifter." 1985 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 85.1 (1985 [MCS]): 10-14.

A novel, single chip, monolithic, four bit phase shifter is described. The first sample to be measured exhibited full 360° coverage at the design frequency, operation throughout X band, good match and an insertion loss of 5-8 dB.

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