

Abstracts

The Design and Performance of a Double Balanced Mixer Using FETs

S.J. Nightingale, M.A.G. Upton and N.V. Dandekar. "The Design and Performance of a Double Balanced Mixer Using FETs." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 717-720.

A new theoretical approach has been developed to analyze and design a double balanced mixer using FETs. This approach also enables single ended and single balanced mixer designs to be analyzed. Theoretical and practical results will be presented for a wideband (6-18 GHz) double balanced mixer for EW applications.

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