Abstracts

Small-Size Comb-Line Microstrip Narrow BPF

K.-I. Konno. "Small-Size Comb-Line Microstrip Narrow BPF." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 917-920.

A small-size microstrip BPF is developed by using a high dielectric constant (epsilon r = 92) substrate, shield-lines between coupled resonators to get smaller coupling coefficient and short microstrip-line resonators of comb-line type. The newly developed three stage BPF is designed and demonstrated at 1.2GHz. This BPF can be produced at low cost and is useful for portable radio equipment.

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