

Abstracts

Microstrip Filter Design Including Dispersion Effects and Radiation Losses

P.B. Katehi and L.P. Dunleavy. "Microstrip Filter Design Including Dispersion Effects and Radiation Losses." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 687-690.

A numerical technique for the design of parallel-coupled bandpass microstrip filters is discussed. The method accounts accurately for the dispersion effects due to the presence of the substrate, the associated surface wave propagation and radiation losses. The presented technique does not have any frequency limitations and can be applied to various microstrip filters. Comparison with experimental results shows excellent agreement.

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