

Abstracts

Design of Millimeter-Wave Extracted-Pole Filters with Asymmetrical Frequency Characteristics

R.R. Mansour and G. Woods. "Design of Millimeter-Wave Extracted-Pole Filters with Asymmetrical Frequency Characteristics." 1991 MTT-S International Microwave Symposium Digest 91.2 (1991 Vol. II [MWSYM]): 659-662.

In this paper, we present a rigorous field theory analysis, for iris-type extracted-pole filters. The design and performance of two extracted-pole filters with asymmetrical frequency characteristics designed at 60 GHz are described. The accuracy of the computed results is checked by comparison with the measured data.

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