

Abstracts

Band-Pass Filters with Steep Skirt Selectivity (Correspondence)

E.N. Torgow and P.D. Lubell. "Band-Pass Filters with Steep Skirt Selectivity (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.1 (Jan. 1965 [T-MTT]): 124-126.

Band-pass filters exhibiting low passband insertion loss and extremely steep rejection skirts can be realized by means of resonators having more moderate values of Q than are required by conventional techniques. The design of these filters is similar to the image parameter method in that individual filter elements, each exhibiting one portion of the desired rejection, are superimposed to provide a composite characteristic. The principal difference is that the component building blocks used in our technique are filter elements designed to exhibit prescribed insertion loss characteristics.

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