

Abstracts

New wide-band DC-block cymbal bandpass filter

B. Strassner and K. Chang. "New wide-band DC-block cymbal bandpass filter." 2002 Transactions on Microwave Theory and Techniques 50.5 (May 2002 [T-MTT]): 1431-1432.

A new low-loss dc-blocking parallel-cascaded bandpass filter is presented. The filter is much easier to use and fabricate, more compact, and simpler to design than the conventional end- or parallel-coupled line filters. The filter has a wide passband with a 2:1 voltage standing-wave ratio bandwidth of around 10% and an insertion loss of 0.5 dB at 10 GHz. Simulated results agree very well with experimental results.

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