

## Decoupled solutions for design of filters having TEM resonators with attenuation poles in upper stopband

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*Yoonmi Shin, Kyungdong Lee and Bomson Lee. "Decoupled solutions for design of filters having TEM resonators with attenuation poles in upper stopband." 2002 Microwave and Wireless Components Letters 12.3 (Mar. 2002 [MWCL]): 82-84.*

The equivalent circuits together with decoupled equations are provided as a solution to the problem of designing the filters having TEM resonators with an attenuation pole in the upper stopband. The proposed method simplifies the design of inserting attenuation poles and gives us much flexibility. The presented design example verifies the exactness of the solutions and shows the usefulness of the approach.

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