

# Abstracts

## Microwave Filters of Coupled Lines and Lumped Capacitances (Correspondence)

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*R. Pregla. "Microwave Filters of Coupled Lines and Lumped Capacitances (Correspondence)." 1970 Transactions on Microwave Theory and Techniques 18.5 (May 1970 [T-MTT]): 278-280.*

Two frequency transformations are given which enable microwave filters to be realized with coupled lines and lumped capacitances from a characteristic prototype lumped network to a good approximation. The procedure includes filters originally proposed by Matthaei and Cristal, and enables realizations for large bandwidths. A number of examples demonstrate the efficiency of the procedures.

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