

Abstracts

Stripline Triplexer for Use in Narrow-Bandwidth Multichannel Filters (Short Papers)

R. Kihlen. "Stripline Triplexer for Use in Narrow-Bandwidth Multichannel Filters (Short Papers)." 1972 Transactions on Microwave Theory and Techniques 20.7 (Jul. 1972 [T-MTT]): 486-488.

Design techniques and equivalent circuits are presented for constructing a printed-circuit narrow-bandwidth complementary triplexer filter. The techniques and circuits described allow the construction of contiguous-band multichannel filters using printed circuits with no shorted stubs. A unit was designed and constructed to give a three-percent relative bandwidth for each separate channel. The agreement between theory and experiment was in the range of measurement accuracy.

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