

# Abstracts

## Effect of "Ring Resonance" in Circulator Time-Delay Circuit (Correspondence)

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C.A. Shipley. "Effect of "Ring Resonance" in Circulator Time-Delay Circuit (Correspondence)." 1968 *Transactions on Microwave Theory and Techniques* 16.3 (Mar. 1968 [T-MTT]): 202-203.

A switchable time-delay circuit using two reversible 3-port circulators connected to unequal lengths of transmission line is shown in Fig. 1. The circulator switches will direct an incoming signal through one of the two alternate paths through the network. The differential time delay is proportional to the difference in length between the two paths.

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