

# Abstracts

## A Note on the Synthesis of Coupled-Line Directional Couplers and All-Pass Networks (Correspondence)

---

*W. Steenaart. "A Note on the Synthesis of Coupled-Line Directional Couplers and All-Pass Networks (Correspondence)." 1968 Transactions on Microwave Theory and Techniques 16.8 (Aug. 1968 [T-MTT]): 554-555.*

A symmetrical homogeneous coupled transmission-line pair may be terminated as a directional coupler or as an all-pass section. A combination of several of these coupled-line elements in cascade, each of constant characteristic impedance, may be terminated in the same way, and the following remarks apply either to a single element or to a cascade of elements, not necessarily of equal length.

[Return to main document.](#)