

# Abstracts

## A Compact Ring-Style 8-Port Comparator Circuit Using Coupled Lines (Short Papers)

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*G.P. Riblet. "A Compact Ring-Style 8-Port Comparator Circuit Using Coupled Lines (Short Papers)." 1993 Transactions on Microwave Theory and Techniques 41.6 (Jun./Jul. 1993 [T-MTT] ): 1224-1226.*

A novel ring-type 8-port comparator circuit is described which has a circumference of only 1 wavelength at midband. It consists of a symmetrical arrangement of 4 coupled line sections etched on the top and bottom surfaces of a thin circuit board. All ports are external to the ring.

[Return to main document.](#)