

Abstracts

Wide-Band Strip-Line Magic-T

*E.M.T. Jones. "Wide-Band Strip-Line Magic-T." 1960 *Transactions on Microwave Theory and Techniques* 8.2 (Mar. 1960 [T-MTT]): 160-168.*

This paper presents theoretical performance calculations of a novel form of wide-band strip-line Magic-T that uses two dual strip-line band-pass filters. When all four ports are terminated in the same impedance, the VSWR at each port is less than 1.47 over a 2:1 frequency band, while the isolation between opposite ports is greater than 20 db over this frequency band.

[Return to main document.](#)