

# Abstracts

## Radial-Line/Coaxial-Line Stepped Junction (Short Papers)

---

A.G. Williamson. "Radial-Line/Coaxial-Line Stepped Junction (Short Papers)." 1985 *Transactions on Microwave Theory and Techniques* 33.1 (Jan. 1985 [T-MTT]): 56-59.

A radial-line/coaxial-line junction having a step in the inner conductor in the coaxial aperture is considered. It is shown that the stepped junction may be modeled by an equivalent circuit obtained by a simple modification of that for the unstepped junction. Comparison of theoretical and experimental results has established this representation to be very accurate over a wide frequency range.

[Return to main document.](#)

Click on title for a complete paper.