

Abstracts

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

A.G. Williamson. "Radial-Line/Coaxial-Line Stepped Junction (Short Papers)." 1985
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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.

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