

Abstracts

A Matched Coaxial-Radial Transmission Line Junction

R.C. Allison, R.L. Eisenhart and P.T. Greiling. "A Matched Coaxial-Radial Transmission Line Junction." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 44-46.

A broadband transition between coaxial and radial transmission lines was designed by means of an equivalent circuit developed for the junction. The design accuracy was substantiated by excellent correlation between measured and theoretical performance.

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