

Abstracts

A Multioctave Microstrip 50-Ohm Termination (Short Papers)

D. LaCombe. "A Multioctave Microstrip 50-Ohm Termination (Short Papers)." 1972 Transactions on Microwave Theory and Techniques 20.4 (Apr. 1972 [T-MTT]): 290-292.

A low-cost microstrip 50-Ohm termination is described having a maximum VSWR of 1.46 (including the mismatch contributed by a microstrip launcher) from 1 to 18 GHz. It consists of a thin-film chip resistor with a matching structure. Experimental resistor characterization, equivalent-circuit modeling, and matching considerations are presented.

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