

Abstracts

A Small MIC Coupler with Good Directivity (Letters)

R.R. Weirather. "A Small MIC Coupler with Good Directivity (Letters)." 1974 Transactions on Microwave Theory and Techniques 22.1 (Jan. 1974 [T-MTT]): 70-71.

The results of tests made on a novel coupler design suitable for MIC's are described. The design utilizes resistive termination of fields above the dielectric. Directivity of 14 dB was achieved with a $\lambda/16$ coupler at 3.6 GHz. Uses for this design technique are signal sampling where very flat coupling is not required.

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