

Abstracts

Broadband Printed Circuit 0°/180° Couplers and High Power Inphase Power Dividers

R. Knochel and B. Mayer. "Broadband Printed Circuit 0°/180° Couplers and High Power Inphase Power Dividers." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 471-474.

A broadbanding procedure is described, which is suited for increasing the useful bandwidth of rat-race couplers and Gysel-type power dividers considerably. The circuits are easily fabricated, Relative bandwidths in excess of 40% are reached.

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