

Abstracts

Microwave Power Combining Techniques

K.J. Russell. "Microwave Power Combining Techniques." 1979 *Transactions on Microwave Theory and Techniques* 27.5 (May 1979 [T-MTT] (Special Issue on Solid-State Microwave/Millimeter-Wave Power Generation, Amplification, and Control)): 472-478.

A review of various techniques for coherently combining microwave power from two or more sources is presented. Emphasis is placed on techniques which combine solid-state power sources. Basic operating characteristics and limitations for the different combiner types are discussed. The performances obtained with the most successful techniques are described. Future trends in combining RF power from solid-state sources are identified.

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