

# Abstracts

## 32 Diode Waveguide Power Combiner

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*S.E. Hamilton. "32 Diode Waveguide Power Combiner." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 183-185.*

An extension to a previously developed IMPATT diode power combining scheme is presented. The new design doubles the diode capacity over the previously presented scheme. The design concept and performance of the combiner using 32 GaAs IMPATT diodes is also described.

 [Return to main document.](#)