

Abstracts

An 18 GHz 8-Way Radial Combiner

I. Stones, J. Goel and G. Oransky. "An 18 GHz 8-Way Radial Combiner." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 163-165.

This paper describes a 16 to 20 GHz 8-way radial microstrip combiner with transitions to WR42 waveguide. It demonstrates greater than 20% bandwidth and insertion loss of only 0.8 dB. Excellent phase and amplitude balance has been achieved.

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