

Abstracts

A 10-Element Active Lens Amplifier on a Dielectric Slab

A.R. Perkons and T. Itoh. "A 10-Element Active Lens Amplifier on a Dielectric Slab." 1996 MTT-S International Microwave Symposium Digest 96.2 (1996 Vol. II [MWSYM]): 1119-1122.

This paper presents an active lens amplifier on a dielectric slab. An amplifier gain of 11 dB at 8.25 GHz, measured from input to output connector, with a 3-dB bandwidth of 0.65 GHz has been demonstrated. Measurements of output power versus input power are also presented.

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