

Abstracts

A novel 3-way hybrid combiner/divider for high power C-class microwave amplifiers

M. Catoiu. "A novel 3-way hybrid combiner/divider for high power C-class microwave amplifiers." 2001 MTT-S International Microwave Symposium Digest 01.1 (2001 Vol. I [MWSYM]): 31-34 vol.1.

Theoretical and experimental results of a novel 3-way tandem divider/combiner are presented. The device has hybrid properties and can be implemented on a low dielectric constant microwave substrate. The main advantages of the novel design are high power capability, low loss and good active return loss.

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