

# Abstracts

## High-Speed Directional Coupler Modulator with Velocity-Matched Electrode Structure

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*M. Yu and A. Gopinath. "High-Speed Directional Coupler Modulator with Velocity-Matched Electrode Structure." 1995 MTT-S International Microwave Symposium Digest 95.1 (1995 Vol. 1 [MWSYM]): 255-258.*

The 3dB bandwidth of 17GHz has obtained for the directional coupler modulator with capacitive-loaded electrode structure, and is in good agreement with the 20GHz predicted result. We believe that this is the highest bandwidth obtained in the directional coupler modulators.

 [Return to main document.](#)