

# Abstracts

## A Highly Directive, Broadband, Bidirectional Distributed Amplifier

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*J.W. Byrne and J.B. Beyer. "A Highly Directive, Broadband, Bidirectional Distributed Amplifier." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. I [MWSYM]): 427-430.*

Design considerations for developing a highly directive broadband bidirectional distributed amplifier are discussed. Directivities on the order of -25 to -35 dB over as much as an octave in frequency are demonstrated using computer simulation with measured s-parameter data for an NEC 9000 transistor.

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