

Abstracts

A Basic Concept to Reduce the Frequency Distortion of Distributed Amplifiers (Letters)

H.L. Hartnagel. "A Basic Concept to Reduce the Frequency Distortion of Distributed Amplifiers (Letters)." 1990 Transactions on Microwave Theory and Techniques 38.7 (Jul. 1990 [T-MTT]): 950-950.

The broad-band features of distributed amplifiers are nowadays incorporated into numerous components of microwave analog integrated circuits, such as phase shifter, attenuators, combiners, and mixers. Efforts are being made to enhance the bandwidth of operation even farther than generally reported today. Therefore, it is useful to consider the bandwidth-limiting effects very carefully and to consider new approaches which may yield a further bandwidth improvement.

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