

Abstracts

Distributed Equivalent-Circuit Model for Traveling-Wave FET Design

W. Heinrich. "Distributed Equivalent-Circuit Model for Traveling-Wave FET Design." 1987 Transactions on Microwave Theory and Techniques 35.5 (May 1987 [T-MTT]): 487-491.

Based on reliable theoretical results, a distributed MESFET model is developed. It consists of equivalent-circuit elements which can be evaluated directly from FET material constants and geometry. The deviations with respect to full-wave-analysis results are investigated and some applications are shown.

[Return to main document.](#)