

Abstracts

Behavioral feature of fast-wave modes on printed-circuit transmission lines of open and packaged types

M. Tsuji and H. Shigesawa. "Behavioral feature of fast-wave modes on printed-circuit transmission lines of open and packaged types." 2001 MTT-S International Microwave Symposium Digest 01.2 (2001 Vol. II [MWSYM]): 863-866 vol.2.

Dispersion characteristics of fast-wave modes are deeply investigated for both open and packaged printed circuit transmission lines. The numerical results conclude that in the packaged guide, the fast-wave mode is mutually connected to the bound mode in the wavenumber behavior, while that for the open guide is completely separated from the bound mode.

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