

# Abstracts

## Coupling Between Slotlines Through a Conductor Backing

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*T. Hirota and T. Itoh. "Coupling Between Slotlines Through a Conductor Backing." 1993 Microwave and Guided Wave Letters 3.2 (Feb. 1993 [MGWL]): 40-41.*

Leakage phenomena possible in conductor-backed slotlines were investigated through an analysis of coupled lines. Coupling between two slotlines with a finite width of conductor backing was examined. Obtained propagation constants for two modes of the coupled slotline confirm that coupling is caused by leakage through the conductor backing.

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