

# Abstracts

## Explicit expressions of the reflection and transmission for two coupled identical exponential lines

---

*Sailing He. "Explicit expressions of the reflection and transmission for two coupled identical exponential lines." 1997 *Transactions on Microwave Theory and Techniques* 45.5 (May 1997, Part I [T-MTT]): 695-698.*

The reflection and transmission problem of two coupled identical exponential lines is considered in this paper. The exact and explicit expressions for the co- and cross-line reflection and transmission coefficients are derived. The explicit expressions are validated by an independent numerical solution.

[Return to main document.](#)