

Abstracts

Tapered Microstrip Transmission Lines

P. Pramanick and B. Bhat. "Tapered Microstrip Transmission Lines." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 242-244.

Lossless nonuniform microstrip tapers are useful for the design of matching networks, filters, etc. In this paper these tapers have been analysed. Reflection coefficient and complex impedance results are presented for exponential, parabolic and cosine squared tapers. The paper also presents typical design data for such tapers on 0.635 mm. thick alumina substrate.

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