

Abstracts

Effects of Side-Wall Grooves on Transmission Characteristics of Suspended Strip Lines (1985 [MWSYM])

E. Yamashita, B.Y. Wang and K. Atsuki. "Effects of Side-Wall Grooves on Transmission Characteristics of Suspended Strip Lines (1985 [MWSYM])." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 145-148.

The use of suspended strip lines is becoming a powerful transmission technique at millimeter wavelengths because of low attenuation, weak dispersion, and various merits in manufacturing processes. This paper estimates effects of side-wall grooves of these lines on transmission characteristics within the TEM wave approximation.

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