

Abstracts

Analysis of the "Microstrip-Loaded Inset Dielectric Waveguide"

T. Rozzi, R. De Leo and A. Morini. "Analysis of the "Microstrip-Loaded Inset Dielectric Waveguide"." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 923-926.

Strip-loaded inset dielectric guide antennas have shown considerable potential in the millimeter wave range. For the purpose of signal feeding and processing, it would be useful to employ microstrip-type circuitry. In this contribution we describe the properties of microstrip-loaded inset guide and its application to a strip-loaded antenna with horizontal polarization.

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