

Abstracts

Improved Mode Filters for Oversized Rectangular Waveguides (Correspondence)

P. Bernardi. "Improved Mode Filters for Oversized Rectangular Waveguides (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.4 (Apr. 1969 [T-MTT]): 237-238.

A mode filter is considered for TE_{mn} and TM_{mn} modes with $n \neq 0$ in oversized rectangular waveguides. A previous analysis carried out for the case of a purely resistive sheet placed in the guide is extended to the case of sheets having a complex surface impedance.

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